

APPENDIX V: Detailed Timeline

Flint Water Advisory Task Force

Integrated Event Timeline

March 21, 2016

Note: This timeline was compiled by the Flint Water Advisory Task Force to support its investigation of the Flint water crisis. It includes selected events that occurred before and during the crisis. The timeline ends February 29, 2016.

Date	Event	Reference Document	Sources	Accessed
1883	Flint's water system is organized and built under private ownership as the Flint Water Works Company, pumping raw water from the Flint River to customers	"The Water Supply of Flint, Michigan" (brochure)	Brochure provided to FWATF by City of Flint	
1903	City of Flint purchases water utility (\$262,500) and converts it to a Municipally Owned Corporation	"The Water Supply of Flint, Michigan" (brochure)	Brochure provided to FWATF by City of Flint	
1911	City of Flint adds water filtration to Flint's water system	"The Water Supply of Flint, Michigan" (brochure)	Brochure provided to FWATF by City of Flint	
1947 - 1955	City of Flint invests in capital improvements to the water utility (\$12.5M) including improved water storage, treatment and pumping. "Polyphosphate is added in small amounts to lessen the corrosion of water pipe when in contact with the cold water," p. 11	"The Water Supply of Flint, Michigan" (brochure)	Brochure provided to FWATF by City of Flint	
1967	City of Flint executes long-term water supply contract with Detroit Water and Sewerage Department (DWSD) and begins receiving water from DWSD. Flint Water Treatment Plant (WTP) subsequently is converted to a backup supply source	Contract referenced in "Detroit Water and Sewerage Department - The First 300 Years," posted to DWSD website	dwsd.org/downloads_n/about_dwsd/history/complete_history.pdf	3/12/16
1991	EPA issues Lead and Copper Rule (LCR) to control lead and copper in drinking water	LCR history and current rule posted to EPA's website	www.epa.gov/dwreginfo/lead-and-copper-rule	3/12/16
2000	Flint water supply contract with DWSD expires	Timeline/Analysis/Recommendations (July 15, 2010), prepared by DWSD Wholesale Customer Outreach Team	Information provided to FWATF	
2001	DWSD and Flint enter into contract negotiations - subsequently suspended	Timeline/Analysis/Recommendations (July 15, 2010), prepared by DWSD Wholesale Customer Outreach Team		
July 2002	Under Michigan's Public Act 72 of 1990, Flint is placed under an Emergency Financial Manager (EFM) until 2004. Ed Kurtz is appointed Flint EFM	MLive (Nov. 10, 2011): "What happened last time? A look back at Flint's 2002 state takeover" (Mostafavi)	www.MLive.com/news/flint/index.ssf/2011/11/what_happened_last_time_a_look.html	3/12/16
February 2004	Technical assessment of Flint River raises concerns about its use for drinking water, noting the source's susceptibility to contamination	"Source Water Assessment Report for the City of Flint Water Supply – Flint River Emergency Intake," prepared by U.S. Geological Survey, MDEQ and Flint Water Utilities Department. As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
January 2006	Genesee County Drain Commission (GCDC) commissions feasibility study on alternatives to provide water service to existing and new customers. Report indicates Flint River water can be safely treated but does not have adequate capacity for permanent use	"Preliminary Report - Long-Term Water Supply for Genesee County," prepared by Rowe, Jones & Henry, Gannett Fleming. Included in Gov. Snyder's Flint Water timeline (released Jan. 2016)	Report provided to FWATF by MDEQ. Gov. Snyder's timeline: mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	3/20/16
January 2007	DWSD (Mercado/Foster) discusses water contract options with Genesee County Drain Commission (GCDC)	Timeline/Analysis/Recommendations (July 15, 2010), prepared by DWSD Wholesale Customer Outreach Team	Information provided to FWATF	
September 2007	DWSD brings forward pipeline loop in its capital plan to address concerns of City of Flint, Genesee County, and Michigan Department of Environmental Quality (MDEQ)	Timeline/Analysis/Recommendations (July 15, 2010), prepared by DWSD Wholesale Customer Outreach Team	Information provided to FWATF	
2008				
June 3, 2008	GCDC requests negotiation with DWSD for water supply contract; requests short-term contract due to ongoing evaluation of long-term needs	Letter from O'Brien/GCDC to Mercado/DWSD	Information provided to FWATF	
June 12, 2008	DWSD issues response to GCDC negotiation request (referenced in July 16, 2008 letter)	Mercado/DWSD letter	Information provided to FWATF	
July 16, 2008	Flint advises DWSD that GCDC will represent its interests in negotiations	Letter from Williamson & Wright to Detroit Deputy Mayor Adams	Information provided to FWATF	
September 3, 2008	GCDC and DWSD meet on water supply contracting	Meeting Summary - Project Innovations	Information provided to FWATF	
2009				
February 11, 2009	GCDC submits permit application for 85-mgd surface water withdrawal from Lake Huron	Permit application and supporting data posted to MDEQ website	www.michigan.gov/documents/deq/deq-wb-dwehs-wateruse-gcdcwwpermitapp_280312_7.pdf	3/12/16
March 10, 2009	DWSD offers partnership arrangement: GCDC fund Flint loop north of Oakland border (\$200 million) and obtain 40% reduction on service rates	Timeline/Analysis/Recommendations (July 15, 2010), prepared by DWSD Wholesale Customer Outreach Team. MLive (March 11, 2009): "Half Price Water Offer from Detroit Not Exactly What it Seems" (Fonger)	Information provided to FWATF. www.MLive.com/news/flint/index.ssf/2009/03/halfprice_water_offer_from_det.html	3/19/16

Date	Event	Reference Document	Sources	Accessed
June 2009	DWSD and SOCWA file comments opposing GCDC withdrawal permit application	Timeline/Analysis/Recommendations (July 15, 2010), prepared by DWSD Wholesale Customer Outreach Team	Information provided to FWATF	
June 25, 2009	GCDC announces plans to build \$600 million water system	Referenced in July 25th letter - DWSD Director Pam Turner	Information provided to FWATF	
June 25, 2009	"Lake Huron Water Supply Study - Karegnondi Water Authority (KWA) <u>Executive Summary</u> " issued	"Lake Huron Water Supply Study - Karegnondi Water Authority Executive Summary," prepared by AECOM, Jones & Henry, LAN, O'Malia, Rowe and Wade Trim	Attachment 3 - MDEQ documentation provided to FWATF Nov. 6, 2015	
July 10, 2009	DWSD Interim Director Pamela Turner publishes Letter to Editor in MLive	MLive (July 10, 2009): "Another View: Genesee County Water Venture is Risky Business: Think AutoWorld" (Hughes)	www.MLive.com/opinion/flint/index.ssf/2009/07/another_view_genesee_county_wat.html	3/20/16
August 13, 2009	Foster Group provides observations on GCDC cost analysis re: KWA	Foster Group memo: "Observations on Cost Analysis from the Lake Huron Water Supply Karegnondi Water Authority Preliminary Engineering Report"	Information provided to FWATF	
August 28, 2009	MDEQ issues permit to GCDC for 85-mgd Lake Huron withdrawal for KWA	MDEQ Large Quantity Water Withdrawal Permit posted to MDEQ website	www.michigan.gov/documents/deq/deq-wb-dwehs-wwciu-gcdclqwwpermit_290342_7.pdf	3/12/16
September 2009	"Lake Huron Water Supply - KWA Preliminary Engineering Report" issued	"Lake Huron Water Supply Study - Karegnondi Water Authority Preliminary Engineering Report," prepared by AECOM, Jones & Henry, LAN, O'Malia, Rowe and Wade Trim	www.scribd.com/doc/52254829/Karegnondi-Water-Authority-Preliminary-Engineering-Report-Sept-2009	3/12/16
2010				
February 22, 2010	DWSD posts letter to potential KWA partners (Flint, Genesee, Lapeer)	MLive (Feb. 25, 2010): "Another View: Detroit Water and Sewerage wants to work with leaders in Genesee and Lapeer counties" (Letter from Pamela Turner/DWSD)	www.MLive.com/opinion/flint/index.ssf/2010/02/another_view_detroit_water_and.html	3/12/16
April 13, 2010	Genesee County approves KWA Articles of Incorporation	MLive (April 13, 2010): "Genesee County starts regional water authority, potential partners plan votes in coming weeks" (Fonger)	www.MLive.com/news/flint/index.ssf/2010/04/genesee_county_starts_regional.html	3/12/16
May 14, 2010	MLive reports on GCDC contract with political consultant Sam Riddle	MLive (May 14, 2010): "Drain commissioner paid Sam Riddle \$2,000 a month to work on Genesee county water pipeline" (Longley)	www.MLive.com/news/flint/index.ssf/2010/05/drain_commissioner_paid_sam_ri.html	3/12/16
June 17, 2010	DWSD and GCDC meet to negotiate water supply contract. Notes re: contract termination: "Does not mean DWSD will not continue to provide water but rates will reflect stranded cost charge to protect the system"	Meeting summary - Project Innovations	Information provided to FWATF	
July 10, 2010	GCDC issues Consumer Confidence Report supporting KWA pipeline	"2013 Consumer Confidence Report" posted to GCDC website. MLive (July 10, 2010): "Genesee County drain commissioner's new water quality report focuses on benefits of building new water pipeline" (Fonger)	www.gcdcwws.com/images/contentImages/file/2014%20Water%20Color-WE.pdf www.MLive.com/news/flint/index.ssf/2010/07/genesee_county_drain_commissio_10.html	3/12/16
2011				
July 1, 2011	Report is completed for City of Flint on feasibility of using Flint WTP and Flint River as primary water supply. Notes Flint River water will require more treatment than Lake Huron water; recommends capital improvements and projects capital and operating costs (including phosphate addition)	"Analysis of the Flint River as a Permanent Water Supply for the City of Flint," prepared by Rowe and LAN	Report: www.scribd.com/doc/64381765/Analysis-of-the-Flint-River-as-a-Permanent-Water-Supply-for-the-City-of-Flint-July-2011 Appendices: www.scribd.com/doc/64382181/Analysis-of-the-Flint-River-as-a-Permanent-Water-Supply-for-the-City-of-Flint-July-2011-Appendices-1-to-8	3/12/16
August 29, 2011	Michigan Department of Treasury conducts preliminary review of City of Flint finances and recommends appointment of a Financial Review Team. Noting the city's accumulated deficits of \$25.7 million, it concludes "probable financial distress" exists in the city	Letter posted to State of Michigan website	www.michigan.gov/documents/treasury/Flint-GovernorsDetermination-11-8-11_417435_7.pdf	1/31/16
September 16, 2011	City of Flint increases water and sewer rates by 35 percent, following a water and sewer rate increase of 25 and 22 percent, respectively, that took effect in January 2011	MLive (Aug. 16, 2011): "Flint water, sewer rates increasing 35 percent" (Longley)	www.MLive.com/news/flint/index.ssf/2011/08/flint_water_sewer_rates_increa.html	3/12/16
September 30, 2011	Gov. Snyder appoints 8-member Financial Review Team, which convenes in October-November and recommends appointment of Emergency Manager in Flint	Letter posted to State of Michigan website	www.michigan.gov/documents/treasury/Flint-GovernorsDetermination-11-8-11_417435_7.pdf	1/31/16
November 11, 2011	Gov. Snyder notifies Flint Mayor Dayne Walling via letter of intent to appoint Emergency Manager	Letter posted to State of Michigan website	www.michigan.gov/documents/treasury/Flint-GovernorsDetermination-11-8-11_417435_7.pdf	1/31/16
November 29, 2011	Gov. Snyder places City of Flint in receivership under PA 4	Detroit Free Press (February 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16

Date	Event	Reference Document	Sources	Accessed
December 1, 2011	Michael Brown replaces Ed Kurtz as City of Flint EFM. Brown lays off high-ranking City Hall appointees and eliminates pay for mayor and city council (which he later partially restored)	Detroit Free Press (November 30, 2011): "Governor names Flint native city's emergency financial manager" MLive (June 30, 2013): "He's back: A timeline of Michael Brown's moves as Flint's emergency manager" (Adams)	www.MLive.com/news/flint/index.ssf/2013/06/hes_back_a_timeline_of_michael.html	3/12/16
2012				
March 7, 2012	Gov. Snyder delivers statewide public safety message from Flint City Hall to announce plan including reopening Flint lockup and boosting state police patrols in Flint	MLive (March 7, 2012): "Gov. Snyder unveils public safety proposal in Flint calling for more state police, forensic techs in high-crime cities" (Longley)	www.MLive.com/news/flint/index.ssf/2012/03/gov_snyder_unveils_public_safe.html	3/12/16
March 15, 2012	Judge grants temporary restraining order against any action by EM Brown pending lawsuit filed by city employee Sam Mum (head of AFSCME Local 1600) alleging state violated Open Meetings Act in appointing him	MLive (March 15, 2012): "Restraining order against Flint emergency manager leaves city without clear chain of command" (Longley)	www.MLive.com/news/flint/index.ssf/2012/03/emergency_manager_restraining.html	3/12/16
March 20, 2012	Ingham County Circuit Court Judge Rosemarie Aquilina rules in favor of Muma, removing Brown from office and restoring power to the mayor and city council	MLive (June 30, 2013): "He's back: A timeline of Michael Brown's moves as Flint's emergency manager" (Adams)	www.MLive.com/news/flint/index.ssf/2013/06/hes_back_a_timeline_of_michael.html	3/12/16
March 26, 2012	Michigan Court of Appeals reinstates Brown as Flint EM	MLive (March 26, 2012): "Flint emergency manager reinstated as battle over Public Act 4 continues" (Longley)	www.MLive.com/news/flint/index.ssf/2012/03/flint_emergency_manager_reinst.html	3/12/16
April 24, 2012	City of Flint's Fiscal Year 2013 budget passed by an "executive order"	"City of Flint Financial and Operating Plan - Fiscal Year 2013," posted final to City of Flint website Sep. 25, 2012	www.cityofflint.com/wp-content/uploads/Reports/FinPlanFY13pdf.pdf	3/12/16
May 9, 2012	Flint Department of Public Works (DPW) Director Howard Croft sends letter to District Engineer Mike Prysby, MDEQ Office of Drinking Water and Municipal Assistance (ODWMA), stating KWA "has the potential to be a major factor in our region's economic development... The City of Flint is pleased to be a partner in the process and we pledge to offer our assets to support the development. We appreciate your technical support as we develop our components of the project."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
May 24, 2012	Flint City Council President Scott Kincaid files lawsuit against City seeking to repeal recent (Sep. 2011 and May 2012) increases in water and sewer rates	MLive (May 24, 2012): "Lawsuit filed against Flint by council president over water rate increases" (Ridley)	www.MLive.com/news/flint/index.ssf/2012/05/lawsuit_filed_against_flint_by.html	3/12/16
May 30, 2012	Emergency Manager Brown further increases water rates by 12.5 percent and sewer rates 45 percent, and ratifies Sep. 2011 increases. (Appeals court subsequently invalidates.) With this increase, Flint water customers had seen a "110 percent increase in their average water and sewer rates since January 2011"	Emergency Manager Order No. 31 - Water and Sewer Rate Increases, posted to City of Flint website Referenced in MLive (June 19, 2015): "Flint council members want water customers refunded, lawsuit settled" (Fonger)	www.cityofflint.com/wp-content/uploads/CityPDF/031.pdf www.MLive.com/news/flint/index.ssf/2015/06/flint_council_members_say_city.html	3/12/16
June 26, 2012	Flint EM Brown sends letter to DWSD for permission to begin blending Flint River water with treated water from DWSD. Letter indicates MDEQ is supporting this option, which would save City \$2 million to \$3 million annually	Department of Treasury timeline (dated Sep. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
July 2, 2012	State appeals court dismisses Kincaid lawsuit challenging recent Flint water and sewer rate increases	MLive (July 2, 2012): "State appeals court dismisses Flint water rate lawsuit" (Longley)	www.MLive.com/news/flint/index.ssf/2012/07/appeals_court_dismisses_flint.html	3/12/16
August 8, 2012	Ed Kurtz (who served as Flint EFM from 2002 to 2004) replaces Brown as Flint EFM, after Brown has to exit because the state's EM law, Public Act 4, is officially suspended due to referendum to repeal it. Kurtz appoints Brown as Flint City Administrator	NBC25 News (Aug. 8, 2012): "Ed Kurtz returns to Flint as emergency manager"	nbc25news.com/news/local/ed-kurtz-returns-to-flint-as-emergency-manager?id=785990	3/12/16
September 10, 2012	Flint City Council files suit against Kurtz's appointment as EFM	MLive (Sep. 10, 2012): "Flint City Council members sue emergency financial manager Ed Kurtz" (Longley)	www.MLive.com/news/flint/index.ssf/2012/09/flint_city_council_members_sue.html	3/12/16
September 20, 2012	Flint EFM Ed Kurtz sends letter to DWSD requesting written permission to implement the blending option. Approval is requested by October 1, 2012	Department of Treasury timeline (dated Sep. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
October 31, 2012	Analysis by Flint Finance Director suggests annual cost to purchase water from DWSD will steadily increase to \$23M per year by fiscal year 2020	Department of Treasury timeline (dated Sep. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
November 2013	Department of Treasury retains Tucker, Young, Jackson and Tull (TYJT) to evaluate KWA proposal to the City of Flint	Department of Treasury timeline (dated Sep. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
November 6, 2012	Michigan voters overturn state's EM Law (Public Act 4) in referendum. Kurtz remains as Flint's EFM under Public Act 72	MLive (Nov. 7, 2012): "Flint gains public safety millage, loses emergency manager law" (Longley)	www.MLive.com/news/flint/index.ssf/2012/11/flint_gains_public	3/12/16
November 6, 2012	Flint EFM Kurtz sends letter to State Treasurer Andy Dillon indicating that a proposal from DWSD is expected, but that the initial assessment shows switching to KWA is in the best interest of the City of Flint	Department of Treasury timeline (dated Sep. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
December 27, 2012	Michigan legislature approves new EM law	MLive (Dec. 12, 2012): "Michigan House approves new emergency manager legislation" (Eggert)	www.MLive.com/news/index.ssf/2012/12/michigan_house_appro	3/12/16

Date	Event	Reference Document	Sources	Accessed
2013				
January 23, 2013	Prysbey/MDEQ e-mails Liane Shekter Smith, head of ODWMA, and other colleagues re: feasibility of Flint switching to Flint River. "I agree that the city should have concerns of fully utilizing the Flint River (100%) for the following: the need to soften, the potential for more advanced treatment after next round of crypto monitoring, available capacity in Flint River at 100-year low flow, residuals management (disposal of lime sludge)."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
February 6, 2013	TYJT issues final report to Department of Treasury on comparison between KWA and DWSD, raising concerns about KWA cost estimates and system governance	"City of Flint Water Supply Assessment," prepared by TYJT	www.scribd.com/doc/131442949/City-of-Flint-Water-Supply-Assessment-Final-Report-February-6-2013	3/12/16
March 2013	DWSD contacts City of Flint to begin direct negotiations on contract extension. Multiple options are provided to Flint EFM Kurtz	Department of Treasury timeline (dated Sep. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
March 25, 2013	Flint City Council approves resolution to buy water from KWA and contract with KWA to build a pipeline from Lake Huron to Genesee County. Council votes 7-1 to leave DWSD and go to KWA for water supply. Council's vote is not binding; final decision to switch from DWSD to KWA is Treasurer Dillon's	"Amended Resolution to Purchase Capacity from Karegnondi Water Authority" included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 142-3/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
March 26, 2013	Genesee County Drain Commissioner Jeffrey Wright issues statement praising Flint City Council for approving resolution to join KWA	Press release posted online	media.wix.com/ugd/60e74e_474a2f7e6f0902948ba9327284c79601.pdf	3/12/16
March 26, 2013	Busch/MDEQ e-mails MDEQ Director Wyant with Shekter Smith and other MDEQ staff copied, warning about Flint River water quality and microbial/DBP risks	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
March 27, 2013	Sygo/MDEQ e-mails Busch re: Flint River water source switch. "As you might guess we are in a situation with Emergency Financial Managers so it's entirely possible that they will be making decisions relative to cost."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
March 28, 2013	Treasurer Dillon e-mails Gov. Snyder recommending support for Flint's decision to join KWA	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
March 28, 2013	State of Michigan's new EM law, Public Act 436, takes effect; Kurtz remains in place as Flint EM	MLive (March 27, 2013): "Ed Kurtz expected to remain Flint's emergency manager through June 30 as new state law takes effect Thursday, March 28" (Adams)	www.MLive.com/news/flint/index.ssf/2013/03/ed_kurtz_expected_to_stay_be_f.html	3/12/16
March 29, 2013	City of Flint enacts resolution signed by EM Kurtz, City Attorney and Finance Director to purchase capacity from KWA	"By the Emergency Manager: Resolution to Purchase Capacity from Karegnondi Water Authority"	Attachment 5 - MDEQ documentation provided to FWATF Nov. 6, 2015	
March 29, 2013	Flint EM Kurtz requests state approval of Flint purchasing capacity from KWA	Letter from EM Kurtz to Treasury referenced in letter of approval from Treasurer Dillon, included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 140/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	
April 1, 2013	DWSD issues statement that Flint's water supply plan will not save money	Detroit Free Press (February 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
April 11, 2013	State Treasurer Andy Dillon authorizes Flint EM Kurtz, pursuant to Section 12(3) of PA 436 of 2012, to enter into a contract with KWA if a final offer from DWSD is either not received or rejected in good faith based upon specific objections	Letter of approval from Treasurer Dillon included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 140/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
April 15, 2013	DWSD provides a best and final offer to the City of Flint, representing 20% savings compared to KWA proposal	DWSD (McCormick) letter to Flint EM Kurtz and KWA. ThinkProgress (Jan. 25, 2016): "Leaked Documents Undermine Official Story Of Flint Water Crisis" (Israel)	reason.com/assets/db/1453755551018.pdf thinkprogress.org/health/2016/01/25/3742625/documents-michigan-contradict-flint-narrative-snyder/	3/12/16
April 15, 2013	Analyses by Flint EM Kurtz, MDEQ and Treasury's Office of Fiscal Responsibility independently conclude that the KWA option is cheaper for the City of Flint	Department of Treasury timeline (dated Sep. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
April 16, 2013	GCDC Commissioner Wright and Flint EM Kurtz issue joint statement re: why KWA is preferable to DWSD's final offer	Press release posted to GCDC website	www.gcdcwws.com/images/contentImages/file/Press%20Release.Official.Final%20Decision%20on%20KWA.pdf	3/12/16
April 16, 2013	Flint EM Kurtz signs agreement with KWA and informs State Treasurer Dillon that the City will join KWA (decision officially announced May 1, 2013)	Department of Treasury timeline (dated Sep. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
April 17, 2013	DWSD transmits letter to Flint EM Kurtz terminating service to the City of Flint effective April 17, 2014	Press Release: DWSD Director Makes Statement on Flint's Decision, provided by MDEQ. Detroit Free Press (Oct. 11, 2015): "Chemical testing could have predicted Flint's water crisis" (Wisely, Erb). The Detroit News (Jan. 6, 2016): "Ex-Detroit official reignites Flint water switch tiff" (Lynch)	Attachment 6 - MDEQ documentation provided to FWATF Nov. 6, 2015. www.freep.com/story/news/local/michigan/2015/10/10/missed-opportunities-flint-water-crisis/73688428/ www.detroitnews.com/story/news/michigan/flint-water-crisis/2016/01/26/ex-detroit-official-reignites-flint-water-switch-tiff/79379770/	3/12/16

Date	Event	Reference Document	Sources	Accessed
May 1, 2013	GCDC announces rejection of DWSD's final offer and partnership with KWA	Announcement and attachments from Kevin Sylvester, GCDC Communications Director, posted to GCDC website	www.gcdcwws.com/images/contentImages/file/Final%20KWA%20Decision.05.01.13.pdf	3/12/16
May 29, 2013	Kurtz sends Gov. Snyder resignation letter indicating July 3, 2013 will be his last day	MLive (May 30, 2013): "Flint emergency manager Ed Kurtz submits resignation notice to the state" (Adams)	www.MLive.com/news/flint/index.ssf/2013/05/flint_4.html	3/12/16
June 1, 2013	KWA begins construction on pipeline project	Detroit Free Press (February 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
June 2013	City of Flint decides to use the Flint River as a water source, per Gov. Snyder timeline	Gov. Snyder's Flint Water timeline (released Jan. 2016); no other documentation located	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	3/12/16
June 26, 2013	Flint EM Kurtz signs resolution that allows Flint to hire the engineering firm Lockwood, Andrews, and Newnam (LAN) to prepare Flint WTP for full-time operation using Flint River as primary drinking water supply source	Resolution posted online. Detroit Free Press (February 2016): "How Flint's Water Crisis Unfolded" (Dixon). Referenced in MLive (Oct. 26, 2015): "Ex-emergency manager says local leaders made decision to use Flint River water" (Fonger) and in Detroit Free Press (Nov. 22, 2015): "Flint water mystery: How was decision made?" (Egan)	Resolution: mediad.publicbroadcasting.net/p/michigan/files/201512/water_plan_resolution.pdf?_ga=1.129405580.1036207224.1446746452 www.freep.com/pages/interactives/flint-water-crisis-timeline/ www.MLive.com/news/flint/index.ssf/2015/10/ex-emergency_manager_says_loca.html www.freep.com/story/news/politics/2015/11/21/snyders-top-aide-talked-flint-water-supply-alternatives/76037130/	3/12/16
June 2013	Flint notifies MDEQ of intent to operate Flint Water Treatment Plant full time using Flint River for drinking water	Flint WTP Facility Meeting Agenda	Attachment 7 - MDEQ documentation provided to FWATF Nov. 6, 2015	
June 26, 2013	Michael Brown is again appointed by Gov. Snyder as Flint EM	MLive (June 30, 2015): "He's back: A timeline of Michael Brown's moves as Flint's emergency manager" (Adams)	www.MLive.com/news/flint/index.ssf/2013/06/hes_back_a_timeline_of_michael.html	3/12/16
June 26, 2013	Groundbreaking for KWA begins. City of Flint also requests DEQ approval for full-time use of the Flint WTP with Flint River water as source	Department of Treasury timeline (dated Sept. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
June 28, 2013	KWA hosts Pipeline Groundbreaking Ceremony	Brochure: "KWA Pipeline Groundbreaking Ceremony - Dawn of a New Era"	Attachment 8 - MDEQ documentation provided to FWATF Nov. 6, 2015	
June 28, 2013	Financing Contract between City of Flint and KWA is approved, effective August 1, 2013 (document is signed by EM Michael Brown)	Department of Treasury timeline (dated Sept. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
June 29, 2013	City of Flint, Genesee County, MDEQ and LAN representatives meet at Flint WTP to discuss feasibility of using Flint River as a temporary water supply source while waiting for KWA to come online. Flint DPW and Finance Department recommend using the Flint River as a temporary water source.	"City of Flint Water System Questions and Answers," dated January 13, 2015. Detroit Free Press (February 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.cityofflint.com/wp-content/uploads/CoF-Water-System-QA.pdf www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
June 30, 2013	Flint EM Kurtz submits "City of Flint Financial & Operating Plan, Third Update" (and EM Kurtz's closing memorandum) to MI Treasury Dept.	"City of Flint Financial & Operating Plan - Third Update" posted to City of Flint website	www.cityofflint.com/wp-content/uploads/Reports/City%20of%20Flint%20Update%203%20Financial%20&%20Operating%20Plan%20062813.pdf	3/12/16
July 2013	City of Flint begins testing Flint River water treatment at Flint WTP "to see if the river could adequately supply drinking water during KWA pipeline construction"	MLive (July 23, 2015): "Flint River now an option for drinking water following Detroit's termination of contract" (Adams)	www.MLive.com/news/flint/index.ssf/2013/07/city_readying_water_plant_to_t.html	3/12/16
July 8, 2013	City of Flint retains Lockwood Andrews & Newnam (LAN) engineering firm to get the City's WTP up and running while KWA pipeline is built	Department of Treasury timeline (dated Sept. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
August 2013	Rowe Professional Services Company completes an engineering proposal for improvements to the Flint WTP that would allow continuous operation of the WTP utilizing the Flint River in lieu of continuing service from DWSD	From October 2014 MDEQ briefing to the Snyder Administration - as reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
September 2013	Michael Brown resigns as Flint EM, effective October 31, 2013, and Darnell Earley is appointed as replacement	MLive (Sept. 11, 2013): "New Flint emergency manager Darnell Earley to take over after Michael Brown resigns" (Adams)	www.MLive.com/news/flint/index.ssf/2013/09/michael_brown_resigns_as_flint.html	3/12/16
October 3, 2013	City of Flint publishes engineering costs for Flint WTP upgrade	City of Flint Water Timeline: "City receives engineered estimates on the ability to upgrade the Flint Water Plant along with costs estimates"	www.flintneighborhoodsunitied.org/wp-content/uploads/2015/03/COF-TTHM-Data.pdf	3/12/16
2014				
February 19, 2014	KWA Board of Directors adopts Resolution 2014-01, authorizing KWA to bond for water line construction on behalf of City of Flint	Department of Treasury timeline (dated Sep. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
February 27, 2014	MDEQ approves KWA permit for Lake Huron Pump Station	MDEQ Permit 142004	media.wix.com/ugd/60e74e_86bc474fd0d94f019332018dcb3329a.pdf	1/31/16
March 1, 2014	City of Flint enters consent agreement with MDEQ re: Flint WTP's lime sludge facility	Department of Treasury timeline (dated Sept. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 39/274)	somsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16

Date	Event	Reference Document	Sources	Accessed
March 7, 2014	Flint EM Earley sends letter to Sue McCormick/DWSD explaining that the City of Flint has "actively pursued using the Flint River as a temporary water source" instead of accepting DWSD's offer to provide water to the City	Attached as Ex. 10 to ACLU Michigan's November 16, 2015 letter announcing federal lawsuit	www.aclumich.org/article/flint-residents-sue-city-state-over-lead-drinking-water	3/12/16
March 26, 2014	Busch/MDEQ e-mails Shekter Smith and Benzie/MDEQ re: uncertainty on startup requirements for Flint WTP. "... I would like to make sure everyone is on the same page on... what Flint will be required to do in order to start using their plant full time... starting up for continuous operation will carry significant changes in regulatory requirements so there is a very gray area as to what we consider for startup."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
April 9, 2014	MDEQ issues Flint WTP construction permits for full time operation enhancements W141025 and W141026	MDEQ Construction Permits W141025 and W141026	Attachment 9 - MDEQ documentation provided to FWATF Nov. 6, 2015	
April 16, 2014	Flint laboratory and water quality supervisor Michael Glasgow e-mails Adam Rosenthal/MDEQ requesting information. ""I am expecting changes to our Water Quality Monitoring parameters, and possibly our DBP on lead & copper monitoring plan... Any information would be appreciated, because it looks as if we will be starting the plant up tomorrow and are being pushed to start distributing water as soon as possible"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
April 17, 2014	Glasgow/Flint e-mails Rosenthal, Prysby and Busch/MDEQ. "If water is distributed from this plant in the next couple of weeks, it will be against my direction. I need time to adequately train additional staff and to update our monitoring plans before I will feel we are ready. I will reiterate this to management above me, but they seem to have their own agenda."	Detroit Free Press (February 13, 2016): "E-mails: Flint water plant was rushed into operation" (Egan, Spangler, Shamus)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/12/e-mails-flint-water-plant-rushed-into-operation/80300220/	3/12/16
April 17, 2014	Water service from DWSD officially ends. City of Flint also conducts two separate public forums regarding the use of Flint River water, upgrades to City's water system and overall cost of switch to KWA	Department of Treasury timeline (dated Sep. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
April 21, 2014	MDEQ approves KWA permit for Intermediate Pump Station	MDEQ Permit 142023	media.wix.com/ugd/60e74e_7126cbc7d5cb453f94d0549a370298d9.pdf	3/12/16
April 23, 2014	Busch/MDEQ e-mails Brad Wurfel/MDEQ re: proposed talking points for the water switch ceremony to be held in two days. Suggests: "While the Department is satisfied with the City's ability to treat water from the Flint River, the Department looks forward to the long term solution of continued operation of the City of Flint Water Treatment Plant using water from the KWA as a more consistent and higher quality source water."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
April 24, 2014	Daugherty Johnson, Flint Utilities Administrator, e-mails Flint colleague Howard Croft and Prysby and Busch/MDEQ requesting concurrence that there is no regulatory requirement for Flint to sign up a back-up agreement with DWSD	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
April 25, 2014	City of Flint officially switches its water source to the Flint River, using Flint WTP for treatment, and hosts "changeover ceremony," public event marking the transition to use of Flint River water. MDEQ information shows that transition complete by May 2015	MDEQ e-mail dated April 28, 2014 describing Flint WTP startup ceremony on April 25. MLive (April 25, 2014): "Closing the valve on history: Flint cuts water flow from Detroit after nearly 50 years" (Adams). City of Flint press release included in Snyder e-mails released Jan. 20, 2016 (p. 15)	Attachment 10 - MDEQ documentation provided to FWATF Nov. 6, 2015. www.MLive.com/news/flint/index.ssf/2014/04/closing_the_valve_on_history_f.html somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
April 29, 2014	Flint EM Earley notifies Detroit EM that Flint has switched water supply sources to the Flint River. GCDC remains as a non-contract customer of DWSD	Information provided to Flint Water Advisory Task Force		
May 4, 2014	City Council President Scott Kincaid and two other Flint residents file suit re: City of Flint water rates in federal court	MLive (May 13, 2014): "Kincaid, Flint residents take water rate lawsuit to federal court" (Fonger)	www.MLive.com/news/flint/index.ssf/2014/05/kincaid_flint_residents_take_w.html	3/12/16
May 15, 2014	Jennifer Crooks/EPA e-mails colleagues Mindy Eisenberg, Thomas Poy and Tinka Hyde/EPA re: concerns about Flint drinking water expressed by resident Lathan Jefferson. "Flint River quality is not great, but there is a surface water treatment plan producing water that is currently meeting SDWA standards... his doctor says the rash is from the new drinking water... He has no interest in speaking with Mike Prysby; he doesn't trust anyone in MI government."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16

Date	Event	Reference Document	Sources	Accessed
June 2014	Resident complaints intensify re: water quality; Flint WTP operators boost use of lime to address hardness concerns	MLive (June 12, 2014): "City adding more lime to Flint River water as resident complaints pour in" (Fonger)	www.MLive.com/news/flint/index.ssf/2014/06/treated_flint_river_water_meet.html	3/12/16
June 17, 2014	Adam Rosenthal/MDEQ e-mails Mike Glasgow/Flint confirming no orthophosphate monitoring is necessary at Flint WTP, since no orthophosphate is being added	MLive (Feb. 17, 2016): "Flint water crisis unfolds in key officials' emails through the years"	www.MLive.com/news/flint/index.ssf/2016/02/see_flint_water_crisis_unfold.html#4	3/12/16
July 1, 2014	Flint begins first 6-month monitoring period for lead and copper in drinking water	Gov. Snyder's Flint Water timeline (released Jan. 2016) Detroit Free Press (Oct. 11, 2015): "Chemical testing could have prevented Flint's water crisis"	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf www.freep.com/story/news/local/michigan/2015/10/10/missed-opportunities-flint-water-crisis/73688428/	3/12/16
July 16, 2014	MDEQ approves KWA permit for pipeline	MDEQ Permit 142044	media.wix.com/ugd/60e74e_cc139234530f4fca8bbfb8768ef25d4a.pdf	3/12/16
July 29, 2014	MDEQ approves KWA permit for 12-mile transmission main	MDEQ Permit 142049	media.wix.com/ugd/60e74e_d1b6e185aad4cb4adbaf737e9421a96.pdf	3/12/16
August 15, 2014	City of Flint issues boil water advisory due to <i>E. coli</i> bacteria violation (Localized System Boil Water Advisory); City increases flushing of water mains and boosts chlorine disinfectant use. Advisory lifted Aug. 20, 2014	E-mail correspondence and public notifications from MDEQ	Attachment 11 - MDEQ documentation provided to FWATF Nov. 6, 2015	
September 5, 2014	Second boil water advisory is issued due to coliform bacteria detected in drinking water (expanded on Sept. 7, 2015); City boosts chlorine use again. Advisory lifted Sep. 9, 2014	MDEQ e-mail dated September 25, 2014; expansion referenced in MLive (Sep. 7, 2014): "Flint expands boil water advisory area after more positive tests for total coliform bacteria" (Fonger) Detroit Free Press (February 2016): "How Flint's Water Crisis Unfolded" (Dixon)	Attachments 12 & 13 - MDEQ documentation provided to FWATF Nov. 6, 2015. www.MLive.com/news/flint/index.ssf/2014/09/flint_expands_boil_water.html www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
September 10, 2014	MDEQ requests preemptive Operational Evaluation for Disinfection Byproducts - total trihalomethanes (TTHMs)	MDEQ Memo: "Compliance Communication - TTHM Operational Evaluation Requested"	Attachment 12 - MDEQ documentation provided to FWATF Nov. 6, 2015	
October 2014	Genesee County Health Department initially expresses concern to Flint Water re: increased incidence of Legionellosis and possible connection to water supply	MLive (Jan. 16, 2016): "Public never told, but investigators suspected Flint River tie to Legionnaires' in 2014" (Fonger)	www.MLive.com/news/flint/index.ssf/2016/01/documents_show_agencies_knew_o.html	3/12/16
October 1, 2014	Snyder requests and receives a briefing paper from MDEQ re: Flint water issues. The paper blames Sep. 2014 boil water advisories on variety of factors, mostly aging cast iron pipes. No mention of lead issues	Governor's Office Briefing Paper - City of Flint Drinking Water	Attachment 13 - MDEQ documentation provided to FWATF Nov. 6, 2015	
October 13, 2014	GM announces it is switching from City of Flint water system to Flint Township (Lake Huron) water for its Flint Engine Operations facility until KWA connection is complete, citing corrosion concerns. Prysby/MDEQ notes Flint water chloride levels are "easily within" public health guidelines. Annual revenue loss of \$400,000	MLive (Oct. 13, 2014): "General Motors shutting off Flint River water at engine plant over corrosion worries" (Fonger)	www.MLive.com/news/flint/index.ssf/2014/10/general_motors_wont_use_flint.html	3/12/16
October 13, 2014	Prysby/MDEQ e-mails Busch, Shekter Smith and others at MDEQ re: inquiry from Ron Fonger/MLive concerning GM's switch to Lake Huron water. Notes Flint water has elevated chlorides but "although not optimal," it is "satisfactory."	E-mail from Mike Prysby/MDEQ dated October 13, 2014 discussing interview with Fonger	Attachment 14 - MDEQ documentation provided to FWATF Nov. 6, 2015	
October 14, 2014	Valerie Brader, State Deputy Legal Counsel and Sr. Policy Advisor, sends e-mail to Governor's Chief of Staff Dennis Muchmore and other top aides arguing for a return to DWSD because of water quality problems. Michael Gadola, then Gov. Snyder's Legal Counsel, responds agreeing with Brader. Brader and Rich Baird, senior aide to Gov. Snyder, discuss the idea with EM Earley, who maintains water quality problems can be solved and it would be cost-prohibitive to return to DWSD	Detroit Free Press (Feb. 26, 2016): "Top Snyder aides urged going back to Detroit water" (Dolan, Egan)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/26/flint-water-crisis-snyder-detroit/80926138/	
October 17, 2014	Genesee Co. Health Department (GCHD) representatives hold conference call with Glasgow and Wright/Flint DPW re: county's concerns about Legionellosis outbreak and possible connection to city's water system. DPW "acknowledges that the distribution system has areas of concern"	MLive (Feb. 17, 2016): "Flint water crisis unfolds in key officials' emails through the years" - provides screen capture of e-mail describing conference call	www.MLive.com/news/flint/index.ssf/2016/02/see_flint_water_crisis_unfold.html#4	3/12/16
October 21, 2014	Susan Bohm/MDHHS e-mails GCHD officials re: Shekter Smith's concern that Flint water would be publicly linked to Legionellosis outbreak in Flint. "I told her the Flint water was at this point just a hypothesis"	Detroit Free Press (February 9, 2016): "Flint e-mails: CDC voiced concerns over Legionnaires' actions" (Dolan, Anderson, Egan, Wisely)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/09/flint-e-mails-state-city-appear-unable-share-info/80028820/	3/12/16
November 1, 2014	LAN issues Operational Evaluation Report to City of Flint, assessing factors contributing to TTHM levels in Flint drinking water	"Operational Evaluation Report, City of Flint, Trihalomethane Formation Concern," Nov. 2014, prepared by LAN, posted to City of Flint website. Referenced in EPA's Interim Report dated June 24, 2015	www.cityofflint.com/wp-content/uploads/Operational-Evaluation-Report.pdf	3/12/16
November 1, 2014	Flint DPW increases hydrant flushing to reduce the residence time of water in the distribution system	Flint Water System Timeline, posted on City of Flint website	www.cityofflint.com/public-works/city-water-system-timeline/	1/31/16
November 7, 2014	City of Flint staff and engineering team meet with MDEQ to discuss quarterly TTHM results	Flint Water System Timeline, posted on City of Flint website	www.cityofflint.com/public-works/city-water-system-timeline/	1/31/16

Date	Event	Reference Document	Sources	Accessed
November 26, 2014	LAN issues report on cost of reconnection to DWSD	MLive (Jan. 8, 2015): "Flint report says getting water from Detroit is possible but would cost \$4 million just to reconnect" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/01/flint_report_says_going_back_t.html	3/12/16
December 1, 2014	City of Flint begins hydraulic modeling to "help identify locations of bad valves"	Flint Water System Timeline, posted on City of Flint website	www.cityofflint.com/public-works/city-water-system-timeline/	3/12/16
December 16, 2014	MDEQ notifies Flint of initial quarterly violation of SDWA Disinfection Byproducts (TTHM) requirements	MDEQ Letter: Violation Notice - MCL for TTHM Operational Evaluation - TTHM, 4th Quarter 2014 Monitoring Period	www.cityofflint.com/wp-content/uploads/City-of-Flint-Violation-Notice-MCL-TTHM-12_16_14.pdf	3/12/16
December 27, 2014	Flint's GM engine plant switches off its water supply from Flint's water system, drawing water instead from neighboring Flint Township	Detroit Free Press (Oct. 11, 2015): "Chemical testing could have predicted Flint's water crisis" (Wisely, Erb)	www.freep.com/story/news/local/michigan/2015/10/10/missed-opportunities-flint-water-crisis/73688428/	3/12/16
December 31, 2014	First 6-month round of lead and copper monitoring (per MDEQ's interpretation of LCR) ends. Results due from City of Flint to MDEQ on January 10, 2015. 100 samples within 90th percentile lead level, 6 ppb; 2 samples above lead action level	MDEQ Letter: City of Flint - Lead and Copper Monitoring of Drinking Water Taps, dated March 30, 2015; MDEQ e-mail dated Feb 27, 2015	Attachment 16 - MDEQ documentation provided to FWATF Nov. 6, 2015	
2015				
January 2015	Officials from Genesee County hospitals, MDHHS, MDEQ, GCHD meet re: Legionellosis outbreak in Flint. MDHHS Director Nick Lyon directs GCHD to conduct and complete its evaluation of causes of the increased cases	Information provided by Flint Water Advisory Task Force		
January 1, 2015	City of Flint begins second 6-month monitoring period for lead and copper in drinking water	Gov. Snyder's Flint Water timeline (released Jan. 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	3/12/16
January 2, 2015	City of Flint issues press release and mails notice to water customers stating the City water system exceeds maximum contaminant level (MCL) for total trihalomethanes (TTHMs), which are disinfection byproducts	Department of Treasury timeline (dated Sep. 28, 2015), included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 93-94/274)	somsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
January 7, 2015	Michigan Department of Technology, Management and Budget announces installation of water coolers in Flint's State Office Building. "The coolers... will be provided as long as the public water does not meet treatment requirements."	Detroit Free Press (January 29, 2016): "Amid denials, state workers in Flint got clean water" (Egan)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/01/28/amid-denials-state-workers-flint-got-clean-water/79470650/	3/12/16
January 7, 2015	Richard Benzie/MDEQ e-mails colleagues re: discussion of Flint water issues with State Representative Sheldon Neely (D-Flint) and others. "...there appears to be a significant (I think they used the word complete) loss of public confidence in the drinking water quality in Flint"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
January 9, 2015	University of Michigan-Flint alerted city officials that it found elevated lead levels in two locations on campus, prompting the school to shut off some drinking fountains and add water filters to others	Detroit Free Press (Feb. 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
January 12, 2015	DWSD offers to reconnect to Flint and waive \$4 million connection fee	Gov. Snyder's Flint Water timeline (released Jan. 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	3/12/16
January 12, 2015	MDEQ staff (Prysky, Shekter Smith, Benzie, numerous others) communicate via e-mail re: decision to provide water coolers at Flint's State Office building. Some discussion re: how this decision will affect Flint residents' perceptions of drinking water safety, and how the decision will "make it more difficult... for ODWMA staff"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
January 13, 2015	Gov. Snyder announces that Jerry Ambrose, who previously served as Flint's finance and administration director, will replace Earley as Flint EM	MLive (Jan. 13, 2015): "Jerry Ambrose named Flint's fourth emergency manager as Darnell Earley heads to Detroit" (Adams)	www.MLive.com/news/flint/index.ssf/2015/01/jerry_ambrose_tapped_as_next_e.html	
January 13, 2015	Flint DPW posts water system FAQs re: bacteria and TTHM issues in Flint water, and decision to switch to Flint River as temporary water supply	"City of Flint Water System Questions and Answers," dated January 13, 2015	www.cityofflint.com/wp-content/uploads/CoF-Water-System-QA.pdf	3/12/16
January 21, 2015	City of Flint holds public meeting re: disinfection byproducts and bacteria; residents attend, bringing containers of water from their taps. LeeAnne Walters shows samples of discolored water taken from her taps on Jan. 15 and Jan. 21, 2015, to EM Ambrose	City of Flint - Public Forum Agenda MLive (Jan. 21, 2015): "Officials say Flint water is getting better, but many residents unsatisfied" (Fonger)	Attachment 17 - MDEQ documentation provided to FWATF Nov. 6, 2015. www.MLive.com/news/flint/index.ssf/2015/01/state_water_officials_tell_fli.html	3/12/16
January 21, 2015	Shekter Smith/MDEQ e-mails colleagues re: Flint water supply. "...when Flint decided to leave Detroit and operate using the River, our role wasn't to tell them our opinion; only what steps would be necessary to make the switch"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
January 23, 2015	Walling says decision to use Flint River water was made by former EM Earley [who later disputes this statement]	MLive (Jan. 23, 2015): "Flint water problems: Switch aimed to save \$5 million -- but at what cost" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/01/flints_dilemma_how_much_to_spe.html	3/12/16
January 27, 2015	GCHD environmental health supervisor James Henry e-mails colleagues re: inability to obtain information from local and state officials needed to investigate connection of Flint water system to Legionellosis outbreak. "Initially the water plant was cooperative, but since the beginning of November they have not responded to multiple written and verbal requests"	Detroit Free Press (Feb. 9, 2016): "Flint e-mails: CDC voiced concerns over Legionnaires' actions" (Dolan, Anderson, Egan, Wisely)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/09/flint-e-mails-state-city-appear-unable-share-info/80028820/	3/12/16

Date	Event	Reference Document	Sources	Accessed
January 27, 2015	Shannon Johnson, MDHHS epidemiologist, emails GCHD re: Legionellosis outbreak and investigating possible connection to the Flint water system. "A current map of the municipal water system needs to be obtained and cases' residences mapped in relation to the water system"	Detroit Free Press (Feb. 9, 2016): "Flint e-mails: CDC voiced concerns over Legionnaires' actions" (Dolan, Anderson, Egan, Wisely)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/09/flint-e-mails-state-city-appear-unable-share-info/80028820/	3/12/16
January 29, 2015	Flint EM Ambrose declines DWSD offer to reconnect Flint to Detroit water supply	Gov. Snyder's Flint Water timeline (released Jan. 2016) MLive (Jan. 29, 2015): "Flint emergency manager says there are two big reasons not to reconnect Detroit water" (Fonger)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf www.MLive.com/news/flint/index.ssf/2015/01/flint_extends.html	3/12/16
January 29, 2015	Sygo and Shekter Smith/MDEQ e-mail re: Flint water quality problems. Shekter Smith identifies the problem as corrosion across the distribution system rather than a "premise plumbing" issue	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
January 30, 2015	Brad Wurfel/MDEQ e-mails Dave Murray, Governor Snyder's deputy press secretary, re: <i>Legionella</i> , saying said he didn't want MDEQ Director Wyant "to say publicly that the water in Flint is safe until we get the results of some county health department traceback work on 42 cases of Legionnaires disease in Genesee County since last May"	Detroit News (Feb. 26, 2016): "Legionnaires' fear led staffer to warn against calling water safe" (Oosting)	www.detroitnews.com/story/news/michigan/flint-water-crisis/2016/02/26/flint-legionnaires-safe-water-wyant-snyder/80966744/	3/19/16
February 1, 2015	Briefing memo is prepared for Gov. Snyder on Flint water situation, including info on residents' complaints about water quality, Mayor Walling's call for assistance, and MDEQ "backgrounder" downplaying health risks. Wurfel: "It's not like an imminent threat to public health"	Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 54-62/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
February 2, 2015	City of Flint DPW issues letter to customers offering testing for discoloration, taste and odor	Letter posted to City of Flint website	www.cityofflint.com/wp-content/uploads/2015_02_02-Water-Test-Letter.pdf	1/31/16
February 3, 2015	Gov. Snyder awards Flint \$2 million to find leaks in city water lines and replace a wastewater incinerator, part of state's \$8 million Distressed Cities program	MLive (Feb. 3, 2015): "Governor Awards Flint \$2 million for Troubled Water System: Mayor Says More is Needed" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/02/governor_awards_flint_2_millio.html	3/12/16
February 4, 2015	Flint resident LeeAnne Walters shows Flint City Council a video documenting rashes on her son's skin, attributed to drinking water	Detroit Free Press (Feb. 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
February 6, 2015	Liz Murphy, assistant to Flint EM, and Prysby/MDEQ exchange e-mails re: other Michigan systems that treat river water, and a source water assessment for Flint River	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
February 6, 2015	Flint ABC affiliate (ABC12) posts report on independent testing showing water quality is within EPA limits for TTHMs	ABC12 (Feb. 6, 2015): "What's in your water?" (Elliott)	www.abc12.com/flintwaterworries/headlines/ABC12-Investigates-Whats-in-your-water-291074071.html	3/12/16
February 10, 2015	City of Flint retains Veolia sole-source to provide additional review and recommendations on water system	Press release posted to City of Flint website	www.cityofflint.com/2015/02/10/flint-hires-international-urban-water-experts-of-veolia-north-america-to-assess-citys-water-issues/	3/12/16
February 10, 2015	GCDC epidemiologist Shurooq Hasan e-mails outside expert about 47 Legionellosis cases diagnosed in Flint in 2014, almost four times the number in 2013. "We... have expanded our investigation to include the city water supply"	Detroit Free Press (Feb. 9, 2016): "Flint e-mails: CDC voiced concerns over Legionnaires' actions" (Dolan, Anderson, Egan, Wisely)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/09/flint-e-mails-state-city-appear-unable-share-info/80028820/	3/12/16
February 16, 2015	City of Flint posts second Flint Water FAQ document, stating that Flint water is safe to drink	"City of Flint Water System Update with Questions and Answers," dated February 16, 2015	www.cityofflint.com/wp-content/uploads/Water-Sysstem-FAQ-Update-2-16-151.pdf	3/12/16
February 18, 2015	EPA collects additional samples at LeeAnne Walters's home	Referenced in EPA-MDEQ e-mail correspondence dated February 26, 2015	Attachment 18 - MDEQ documentation provided to FWATF Nov. 6, 2015	
February 25, 2015	Mike Glasgow/Flint DPW tests water in LeeAnne Walters's home and finds high lead levels (104 ppb). She contacts Chicago offices of EPA to discuss	Detroit Free Press (Feb. 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
February 26, 2015	Initial e-mail correspondence between EPA (Crooks, Del Toral, Poy) and MDEQ (Busch, Prysby) re: elevated lead in sample collected February 18, 2015 at LeeAnne Walters's home. Initial inquiry made re: corrosion control treatment (OCC) at Flint WTP. Crooks: "WOW!!! Did he find LEAD! 104 parts per bilion"	EPA/MDEQ e-mails included in chronological compilation of e-mails from FOIA requests, created by Roy/Edwards and posted to Flint Water Study website. E-mail correspondence between Mrs. Walters and City of Flint dated Feb. 19-26, 2015; Consumer Notice of Results; Official Laboratory Report.	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf Attachment 18 - MDEQ documentation provided to FWATF Nov. 6, 2015	3/12/16
February 26, 2015	Busch/MDEQ e-mails colleagues Shekter Smith and Benzie in response to Crooks' email. "As indicated by Mike and Adam the city is meeting 90th percentile. Not sure why region 5 [EPA] sees this one sample as such a big deal"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16

Date	Event	Reference Document	Sources	Accessed
February 27, 2015	In continued e-mail correspondence, Del Toral/EPA voices concern re: possibility that City of Flint's lead sampling protocol (pre-flushing) is biasing lead results toward the low side. Asks again about OCCT at Flint WTP	Chronological compilation of MDEQ e-mails from FOIA requests, created by Roy/Edwards and posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf Attachment 19 - MDEQ documentation provided to FWATF Nov. 6, 2015	3/12/16
February 27, 2015	Busch/MDEQ responds to Del Toral/EPA saying that the City of Flint "Has an Optimized Corrosion Control Program," LeeAnne Walters's house is "not part of the City's established sample site pool" and the residence has PVC plumbing	Chronological compilation of MDEQ e-mails from FOIA requests, created by Roy/Edwards and posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf Attachment 20 - MDEQ documentation provided to FWATF Nov. 6, 2015	3/12/16
March 3, 2015	In response to complaints re: drinking water quality and related health effects, Flint EM Ambrose claims costs will increase \$12 million with return to DWSD service. He provides memo to Deputy State Treasurer Wayne Workman stating reconnection to DWSD will cost the City \$10.1M/year and water could be as high as \$1M/month	MLive (June 5, 2015): "Lawsuit seeks end to Flint River drinking water, return to Detroit" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/06/lawsuit_seeks_end_to_flint_riv.html	3/12/16
March 4, 2015	City of Flint/Veolia Technical Advisory Committee holds its first meeting; 17 members from City, County, State, USEPA, hospitals & universities	List of members posted to City of Flint timeline	www.cityofflint.com/public-works/water-advisory-committees/	3/12/16
March 5, 2015	MDEQ issues second Disinfection Byproducts quarterly violation notice	MDEQ Letter: Violation Notice - MCL for TTHM Operational Evaluation - TTHM, 1st Quarter 2015 Monitoring Period	Attachment 21 - MDEQ documentation provided to FWATF Nov. 6, 2015	
March 5, 2015	Officials in Governor's Office and MDEQ begin discussing providing water filters to Flint citizens	MLive (Feb. 17, 2016): "Flint water crisis unfolds in key officials' emails through the years" - provides screen capture of partial e-mail	www.MLive.com/news/flint/index.ssf/2016/02/see_flint_water_crisis_unfold.html#4	3/12/16
March 5, 2015	Citizens Advisory Committee (CAC), hosted by City of Flint, holds its first meeting; includes 58 members representing various interests	List of members posted to City of Flint timeline	www.cityofflint.com/public-works/water-advisory-committees/	3/12/16
March 9, 2015	Harvey Hollins/Governor's Office meets with Flint EM and DEQ officials to discuss possible solutions to Flint water issues	MLive (Feb. 17, 2016): "Flint water crisis unfolds in key officials' emails through the years" - provides screen capture of e-mail referring to meeting	www.MLive.com/news/flint/index.ssf/2016/02/see_flint_water_crisis_unfold.html#4	3/12/16
March 10, 2015	Crooks/EPA e-mails Busch, Prysby and Benzie/MDEQ saying she has been "inundated" with citizen e-mails referred to her from the White House about Flint water quality problems	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
March 10, 2015	James Henry/GCHD e-mails Howard Croft/Flint DPW, Prysby/MDEQ, Mayor Walling and others citing the city's and state's lack of cooperation and failure to respond to his requests for information -- and a Jan. 2015 FOIA -- to support county's investigation of potential causes of Legionellosis outbreak in Flint. "This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
March 11, 2015	Benzie/MDEQ e-mails colleagues Shekter Smith, Busch and Prysby re: thoughts for a plan of action on Legionellosis response	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
March 12, 2015	Busch/MDEQ e-mails colleagues Shekter Smith, Prysby and Benzie re: <i>Legionella</i> . "... there is no evidence or confirmation of Legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
March 12, 2015	Veolia issues Water Quality Report to City of Flint/EM Ambrose, an evaluation providing advice primarily on TTHM control and other operational issues in the City's water system. Report states that Flint's water meets state and federal standards for TTHM control, but does not address lead. Also recommends corrosion control at Flint WTP to address iron leaching from pipes - estimated cost \$50,000	"Flint, Michigan Water Quality Report," prepared by Veolia, posted to City of Flint website. Report and accompanying Veolia presentation included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 151-186/274). Referenced in EPA's Interim Report dated June 24, 2015.	Report: www.cityofflint.com/wp-content/uploads/Veolia-REPORT-Flint-Water-Quality-20150312.pdf E-mails: somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
March 13, 2015	Wurfel/MDEQ e-mails Harvey Hollins/Governor's office and Wyant/MDEQ noting uptick in Legionellosis cases, placing responsibility for follow-up on GCHD, and discounting Henry/GCHD's concerns about a possible relationship between uptick in Legionellosis and change in water source	APNewsBreak (Feb. 4, 2016): "Officials warned of water, Legionnaires' link" (Eggert, White) Detroit Free Press (Feb. 4, 2016): "E-mails: Snyder aide was told of Legionnaires' in March" (Egan) - includes link to e-mails	bigstory.ap.org/500a2ef5b57d423d876ef25709af1973 www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/04/apnewsbreak-officials-warned-of-water-legionnaires-link/79828466/#read	3/12/16
March 13, 2015	Busch/MDEQ e-mails Henry/GCHD re: Legionellosis investigation. Implies DEQ has no responsibilities re: <i>Legionella</i> since it isn't regulated by SDWA; says it isn't coming from the WTP but could be associated with main breaks, leaks or repairs to distribution system; reminds Henry that epidemiological investigation is GCHD's job and directs him to MDCH (MDHHS) if they need support	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16

Date	Event	Reference Document	Sources	Accessed
March 17, 2015	Busch/MDEQ e-mails Croft/Flint with instructions to conduct monitoring for <i>Legionella</i> at the WTP tap and in the distribution system	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
March 18, 2015	Water in LeeAnne Walters's home is re-tested for lead following thorough flushing; results are extremely high (397 ppb). Crooks/EPA e-mails Busch, Prysby and Benzie/MDEQ re: those test results	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
March 19, 2015	EPA Region 5 calls MDEQ to express concerns about high lead levels found in LeeAnne Walters's home, noting that they suspect lead is coming from service line	Detroit Free Press, "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
March 19, 2015	City of Flint responds to 61 questions posed by CAC in March 5 meeting	"Water Advisory Committee Questions & Answers," posted to City of Flint website	www.cityofflint.com/wp-content/uploads/2015_03_19-Water-Advisory-Committee-Questions-Answers.pdf	3/12/16
March 19, 2015	Henry/GCHD e-mails Busch/MDEQ re: investigation of Legionellosis outbreak in Flint, again requesting MDEQ collaboration and providing documentation of previous requests	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
March 23, 2015	Flint City Council votes 7-1 to end Flint River service and return to Detroit water service; the vote is non-binding since Flint is under EM control. Flint EM Ambrose: "It is incomprehensible to me that... Flint City Council would want to send more than \$12 million a year to the system serving Southeast Michigan, even if Flint rate payers could afford it. (Lake Huron) water from Detroit is no safer than water from Flint."	MLive (March 24, 2015): "Emergency manager calls City Council's Flint River vote 'incomprehensible'" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/03/flint_emergency_manager_calls.html	3/12/16
March 26, 2015	EPA learns that Genesee County Health Department is investigating uptick in Legionellosis in the county, including Flint; an EPA official questions whether it is related to switch to Flint River water	Detroit Free Press (Feb. 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
March 27, 2015	LeeAnne Walters's son is tested for blood lead levels; results are above CDC's 5 ug/dl "threshold of concern"	Flint Water Study website (Sep. 30, 2015): "COMMENTARY: MDEQ Mistakes and Deception Created the Flint Water Crisis" (Roy)	flintwaterstudy.org/2015/09/commentary-mdeq-mistakes-deception-flint-water-crisis/	3/12/16
March 30, 2015	MDEQ notifies Flint of results of first 6-month lead and copper monitoring period (July-December 2014) showing 6 ppb result	Gov. Snyder's Flint Water timeline (released Jan. 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	3/12/16
March 31, 2015	Crooks/EPA e-mails Busch, Prysby and Shekter Smith/MDEQ re: EPA conference call on <i>Legionella</i> in Flint. Cites Del Toral's statement that the city's aggressive pre-flushing before lead testing may be contributing to favorable conditions for <i>Legionella</i> in distribution system	As reported in Bridge Magazine (March 1, 2016): "Flint crisis timeline: Part 2"	bridgemi.com/2016/03/flint-crisis-timeline-part-2/	3/12/16
April 3, 2015	MDEQ sends Flint LT2 Surface Water Treatment Rule Letter re: monitoring requirements for <i>Cryptosporidium</i> , <i>E. Coli</i> and turbidity	MDEQ Letter: LT2 ESWTR Rule - 2nd Round of Monitoring Requirements	Attachment 22 - MDEQ documentation provided to FWATF Nov. 6, 2015	
April 6, 2015	Flint proposes installation of Granular Activated Carbon filter media to reduce disinfection byproducts	E-mail from LAN to Busch/MDEQ, cc Croft, dated April 6, 2015	Attachment 23 - MDEQ documentation provided to FWATF Nov. 6, 2015	
April 7, 2015	MDHHS hosts conference call regarding <i>Legionella</i> , but the subject matter and participants are not clear. It was suggested that there was a communication plan in preparation, but no indication that public communication happened as a result	As reported in Bridge Magazine (March 1, 2016): "Flint crisis timeline: Part 2"	bridgemi.com/2016/03/flint-crisis-timeline-part-2/	3/12/16
April 23, 2015	Del Toral/EPA e-mails Cook/MDEQ again to ask re: Flint corrosion control treatment. Cook/MDEQ, in follow-up message to Busch & Prysby/MDEQ: "Other than sampling for Pb/Cu, I don't think Flint is doing anything regarding corrosion control"	EPA-MDEQ e-mail correspondence dated April 23-24, 2015	Attachment 24 - MDEQ documentation provided to FWATF Nov. 6, 2015	
April 24, 2015	MDEQ staff indicates to EPA no corrosion control treatment in place in Flint system	Chronological compilation of MDEQ e-mails from FOIA requests, created by Roy/Edwards and posted to Flint Water Study website Gov. Snyder's Flint Water timeline (released Jan. 2016) Detroit Free Press (Feb. 2016): "How Flint's Water Crisis Unfolded" (Dixon)	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
April 25, 2015	Del Toral/EPA e-mails Cook/MDEQ to express concern re: Flint's lack of corrosion control treatment, pre-flushing and high lead levels. Says Flint does not appear to meet requirements for OCCT without treatment	E-mail from Del Toral/EPA to Cook/MDEQ dated April 25, 2015	Attachment 25 - MDEQ documentation provided to FWATF Nov. 6, 2015	
April 27, 2015	Del Toral/EPA e-mails Poy/EPA and other colleagues stating that Cook/MDEQ has confirmed the Flint WTP has no corrosion control treatment (CCT), which is "very concerning given the likelihood of lead service lines in the city"	Detroit Free Press (Feb. 2, 2016): "EPA too slow to respond to Flint crisis, critics say" (Spangler)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/02/epa-too-slow-respond-flint-crisis-critics-say/79652928/	3/20/16

Date	Event	Reference Document	Sources	Accessed
April 27, 2015	Del Toral/EPA visits LeeAnne Walters's house, inspects plumbing and finds it is lead-free; leaves sample bottles and provides Marc Edwards/Virginia Tech's contact info	Flint Water Study website (Sep. 30, 2015): "COMMENTARY: MDEQ Mistakes and Deception Created the Flint Water Crisis" (Roy)	flintwaterstudy.org/2015/09/commentary-mdeq-mistakes-deception-flint-water-crisis/	3/12/16
April 27, 2015	Cook, Busch and Prysby/MDEQ exchange e-mails re: Del Toral/EPA's question on corrosion control treatment. Busch: "If he continues to persist, we may need Liane or Director Wyant to make a call to EPA to help address his over-reaches." Cook: "I agree, the constant second guessing of how we interpret and implement our rules is getting tiresome."	Detroit Free Press (Feb. 14, 2016): "State MDEQ didn't take Flint water concerns seriously" (Shamus) Also as reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	www.freep.com/story/news/local/michigan/2016/02/13/state-deq-flint-water-concerns/80332954/ bridgemi.com/2016/02/flint-water-disaster-timeline/	3/12/16
April 27, 2015	Laurel Garrison/CDC e-mails GCHD officials re: concern over Legionellosis outbreak in Flint. Indicates that city and state officials allegedly were not supplying needed information for the county's investigation. "'We are very concerned about this Legionnaires' disease outbreak... It's very large, one of the largest we know of in the past decade, and community-wide, and in our opinion and experience it needs a comprehensive investigation."	Detroit Free Press (Feb. 9, 2016): "Flint e-mails: CDC voiced concerns over Legionnaires' actions" (Dolan, Anderson, Egan, Wisely)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/09/flint-e-mails-state-city-appear-unable-share-info/80028820/	3/12/16
April 28, 2015	Michigan Office of the Auditor General announces planned performance audit of MDEQ-Office of Drinking Water and Municipal Assistance	Office of Auditor General letter to MDEQ Director Wyant, dated April 28, 2015. Notice of audit posted to OAG website	audgen.michigan.gov/wip/wip761032015.html	3/17/16
April 29, 2015	To resolve an \$8 million accumulated deficit in Flint's General Fund, the State Treasurer and Flint EM, with the concurrence of Flint City Council, sign an emergency loan agreement between the City and Michigan's Local Financial Assistance Loan Board for nearly \$8 million. The loan agreement includes a provision that the city of Flint cannot, without prior state approval, return to DWSD or lower water rates.	Emergency Loan Agreement, signed by EM Ambrose and Treasurer Khouri, dated April 29, 2015	Document provided to FWATF	
April 29, 2015	Gov. Snyder announces control of City of Flint's finances has been returned to Mayor and City Council under supervision of Receivership Transition Advisory Board	Press release: "Gov. Rick Snyder: City of Flint ready to move forward as financial emergency resolved" posted to State of MI website	www.michigan.gov/snyder/0,4668,7-277-57577_57657-353433--,00.html	3/12/16
May 2015	LeeAnne Walters's water samples are sent to Virginia Tech for analysis. Average lead level is "2,429 ppb lead, the high was 13,200 ppb, and even after 25 minutes flushing the water never dropped below 200 ppb"	Flint Water Study website (Aug. 24, 2015): "Hazardous Waste-levels of Lead found in a Flint household's water" (Roy)	flintwaterstudy.org/2015/08/hazardous-waste-levels-of-lead-found-in-a-flint-households-water/	3/13/16
May 1, 2015	Cook/MDEQ responds to Del Toral/EPA re: inquiries about Flint corrosion control, indicating MDEQ is delaying decision pending completion of second 6-month monitoring period in June 2015. Says that since Flint will be switching water source in another year, "requiring a [corrosion control] study at the current time will be of little to no value"	E-mail from Cook/MDEQ to Del Toral/EPA dated May 1, 2015, included in chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
May 6, 2015	City replaces service line at 212 Browning with EPA onsite	EPA e-mail to MDEQ dated May 7, 2015	Attachments 26 & 27 - MDEQ documentation provided to FWATF Nov. 6, 2015	
May 7, 2015	Crooks/EPA e-mails MDEQ re: EPA visit to LeeAnne Walters's home to deliver sampling bottles for lead/copper analyses and observe plumbing systems	J. Crooks/EPA e-mail to MDEQ dated May 7, 2015	Attachments 26 & 27 - MDEQ documentation provided to FWATF Nov. 6, 2015	
May 14, 2015	MDEQ approves GCDC permit for surface water impoundment to feed KWA WTP	MDEQ Permit 151036	media.wix.com/ugd/60e74e_830d3b5098294e78825c8f720f155eca.pdf	1/31/16
May 20, 2015	Second meeting of City of Flint/Veolia Technical Advisory Committee. Meeting notes: "'Some attention has shifted to lead and copper concerns" - no further mention of lead issue	Meeting summary posted to City of Flint website	www.cityofflint.com/wp-content/uploads/2015-05-20-TAC-Meeting-Summary.pdf	1/31/16
May 26, 2015	EPA/MDEQ e-mail correspondence continues re: results of additional sampling at Walters's home and at 2 additional homes connected to same water service line	EPA e-mail correspondence dated May 26-27, May 28 and June 2, 2015; laboratory reports attached	Attachment 28 & 29 - MDEQ documentation provided to FWATF Nov. 6, 2015	
May 28, 2015	New samples show improved water quality at LeeAnne Walters's residence	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-2/	3/12/16
May 29, 2015	MDHHS produces a report regarding Legionellosis cases in Genesee County in 2014-15; the conclusion is that "the outbreak is over." 42% of the cases had healthcare (hospital) contact; 47% had contact with the Flint water supply	"Summary of Legionellosis Outbreak — Genesee County, June 2014–March 2015," posted to state website	www.michigan.gov/documents/mdhhs/Genesee_Co_Legionnaires_Disease_Investigation_Ex_Summary_FINAL_510722_7.pdf	3/17/16
June 5, 2015	Coalition for Clean Water in Flint and others file lawsuit in Genesee County Circuit Court seeking order for Flint to return to DWSD service	MLive (June 5, 2015): "Lawsuit seeks end to Flint River drinking water, return to Detroit" (Ridley)	www.MLive.com/news/flint/index.ssf/2015/06/lawsuit_seeks_end_to_flint_riv.html	3/12/16
June 8, 2015	Jim Collins/MDHHS e-mails GCHD officials saying he spoke with officials at federal Centers for Disease Control and Prevention that morning about the Legionellosis issue. He then chastises county officials for talking to CDC without state approval	Detroit Free Press (February 9, 2016): "Flint e-mails: CDC voiced concerns over Legionnaires' actions" (Dolan, Anderson, Egan, Wisely)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/09/flint-e-mails-state-city-appear-unable-share-info/80028820/	3/12/16

Date	Event	Reference Document	Sources	Accessed
June 9, 2015	MDEQ issues third Disinfection Byproducts quarterly violation notice	MDEQ Letter: Violation Notice - MCL for TTHMs, 2nd Quarter 2015 Monitoring Period	Attachment 30 - MDEQ documentation provided to FWATF Nov. 6, 2015	
June 10, 2015	Michigan Semi-Annual Conference Call is held with EPA, DNR and MDEQ. EPA recommends that MDEQ offer technical assistance to Flint on managing water quality issues, including lead	J. Crooks/EPA e-mail dated July 1, 2015, with notes from June 10 conference call; notes posted final July 28, 2015. E-mail and notes are included in chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf Attachment 31 - MDEQ documentation provided to FWATF Nov. 6, 2015	3/13/16
June 12, 2015	Michigan Court of Appeals reverses Genesee County Circuit Court dismissal of Kincaid rate lawsuit, claiming City didn't follow the proper process for raising rates and improperly spent the funds collected	MLive (June 12, 2015): "Appeals Court breathes new life into Flint water rebate lawsuit" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/06/appeals_court_sides_with_flint.html	3/13/16
June 15, 2015	Press conference held at UAW Region 1D post with Councilman Kincaid and attorney Val Washington urging City to negotiate on water and sewer rates	MLive (June 15, 2015): "Flint councilman urges city to negotiate end to water rate lawsuit" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/06/flint_councilman_urges_city_to.html	3/13/16
June 23, 2015	U.S. District Judge Stephen J. Murphy III denies Coalition for Clean Water in Flint's motion for the preliminary injunction without prejudice	MLive (June 23, 2015): "Judge won't force Flint to return to buying Detroit water" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/06/judge_says_flint_doesnt_have_t_1.html	3/13/16
June 24, 2015	Del Toral/EPA provides his "Interim Report: High Lead Levels in Flint, Michigan" to his supervisor, Poy/EPA. Report expresses numerous concerns re: lead levels, sampling methodology, and lack of corrosion control treatment at Flint WTP	"Memorandum: High Lead Levels in Flint, Michigan - Interim Report," prepared by M. Del Toral and transmitted to T. Poy. Per Curt Guyette/ACLU (interview with FWATF Dec. 10, 2015), Del Toral provided report to Walters and she provided it to Guyette. Interim report is available on Flint Water Study website. Final report issued Nov. 2015 is also posted to ACLU-MI website	flintwaterstudy.org/wp-content/uploads/2015/11/Miguels-Memo.pdf	3/17/16
June 25, 2016	Rosenthal/MDEQ e-mails Glasgow and Wright/Flint DPW reminding them that 61 more lead and copper samples need to be collected and sent to the lab by June 30, 2015, "and that they are will be [sic] below the AL [action level] for lead. As of now with 39 results, Flint's 90th percentile is over the AL for lead."	Detroit Free Press (Dec. 24, 2015): "State's handling of Flint water samples delayed action" (Egan)	www.freep.com/story/news/politics/2015/12/23/states-handling-flint-water-samples-delayed-action/77367872/	3/20/16
June 30, 2015	EPA e-mails MDEQ as preface to conference call scheduled for July 21, 2015, re: elevated lead and corrosion control; mentions Del Toral report	E-mail from T. Hyde/EPA to L. Shekter Smith/MDEQ dated June 30, 2015, included in chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
June 30, 2015	Second 6-month round of lead and copper monitoring ends. Results due from Flint to MDEQ July 10, 2015	Included in chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
July 1, 2015	Gov. Snyder asks MDEQ and MDHHS about Flint; both report nothing unusual or widespread occurring, Flint complying with LCR, elevated blood levels are seasonal	Detroit Free Press (Feb. 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
July 2, 2015	EPA Region 5 Water Division Director Tinka Hyde tells MDEQ that Region 5 is "concerned about the lead situation" but acknowledges second round of monitoring is under way	Gov. Snyder's Flint Water timeline (released Jan. 2016) Detroit Free Press (Feb. 2016): "How Flint's Water Crisis Unfolded" (Dixon)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf www.freep.com/pages/interactives/flint-water-crisis-timeline/	1/31/16
July 2, 2015	EPA Region 5 Administrator Susan Hedman writes Mayor Walling to say that EPA will work with MDEQ on issues related to lead in water. "it would be premature to draw any conclusions" based on draft EPA memo regarding lead	"Highlights of Marc Edwards FOIA," posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/Virginia-Tech-FOIA-EPA.pdf	3/13/16
July 7, 2015	ACLU reporter Curt Guyette contacts MDEQ regarding Del Toral's draft Interim Report	Included in chronological compilation of MDEQ e-mails from FOIA requests, created by Roy/Edwards and posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/20/16
July 9, 2015	MDEQ Public Information Officer Karen Tommasulo emails Wurfel/MDEQ as Michigan Public Radio begins picking up on the ACLU reports concerning Flint lead-in-water issue. "'Apparently, it is going to be a thing now."	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website Detroit Free Press (Oct. 22, 2015): "MDEQ e-mails show stunning indifference to Flint peril" (Kaffer)	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf www.freep.com/story/opinion/columnists/nancy-kaffer/2015/10/21/indifference-characterized-state-approach-flint-water/74289430/	3/13/16
July 9, 2015	ACLU-Michigan reporter Curt Guyette breaks story of concerns about lead in Flint's drinking water by detailing the June 24 EPA-Del Toral memo, reporting the high lead levels in LeeAnne Walters's water, and exposing the lack of corrosion control in Flint drinking water treatment	The Nation (July 16, 2015): "In Flint, Michigan, Overpriced Water is Causing People's Skin to Erupt in Rashes and Hair to Fall Out" (Guyette) E-mail from B. Wurfel/MDEQ dated July 9, 2015 is included in chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	www.thenation.com/article/in-flint-michigan-overpriced-water-is-causing-peoples-skin-to-erupt-and-hair-to-fall-out/ Attachment 33 - MDEQ documentation provided to FWATF Nov. 6, 2015. flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
July 10, 2015	Susan Hedman/EPA Region 5 (based in Chicago) writes to Flint Mayor Walling to say that EPA will work with MDEQ on issues related to lead in water	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/20/16

Date	Event	Reference Document	Sources	Accessed
July 13, 2015	Michigan Radio quotes Wurfel's reassurances in story on EPA memo. "Let me start here – anyone who is concerned about lead in the drinking water in Flint can relax... It does not look like there is any broad problem with the water supply freeing up lead as it goes to homes."	Michigan Radio (July 13, 2015): "Leaked internal memo shows federal regulator's concerns about lead in Flint's water" (Smith)	michiganradio.org/post/leaked-internal-memo-shows-federal-regulator-s-concerns-about-lead-flint-s-water#stream/0	3/13/16
July 14, 2015	MDEQ issues construction permit to Flint for Granular Activated Carbon filter media W151055	MDEQ Construction Permit W151055	Attachment 34 - MDEQ documentation provided to FWATF Nov. 6, 2015	
July 21, 2015	EPA and MDEQ hold conference call re: LCR implementation and Flint; EPA informs MDEQ of its interpretation of LCR. EPA wants corrosion control implemented in Flint, but MDEQ believes this is premature, per e-mail from Shekter Smith/MDEQ to Hyde/EPA later the same day requesting EPA concurrence on MDEQ approach	"Notes on Call with MDEQ on July 21, 2015 - MDEQ Implementation of LCR Rule and Flint Issues," included in chronological compilation of MDEQ e-mails from FOIA requests, created by Roy/Edwards and posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
July 22, 2015	Gov. Snyder's Chief of Staff Dennis Muchmore e-mails MDHHS director Lyon re: community concerns about lead in the water. "These folks are scared and worried about the health impacts and they are basically getting blown off by us (as a state we're just not sympathizing with their plight)"	Gov. Snyder's Flint Water timeline (released Jan. 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	1/31/16
July 23, 2015	Linda Dykema, director of MDHHS Division of Environmental Health, provides detailed response to the Muchmore inquiry via email to MDHHS managers. "DEQ has not seen a change in the city's compliance with the lead rule since switching to the Flint River source... Regarding the EPA drinking water official quoted in the press articles, the report that he issued was a result of his own research and was not reviewed or approved by EPA management. He has essentially acted outside his authority"	Chronological compilation of MDEQ e-mails from FOIA requests, created by Roy/Edwards and posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
July 24, 2015	In response to Muchmore's July 22 e-mail, Wurfel/MDEQ writes, "The bottom line is that the residents of Flint do not need to worry about lead in their water supply, and DEQ's recent sampling does not indicate an eminent [sic] health threat"	Chronological compilation of MDEQ e-mails from FOIA requests, created by Roy/Edwards and posted to Flint Water Study website Detroit News (Jan. 7, 2016): "Flint crisis response delayed for months" (Lynch)	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf www.detroitnews.com/story/news/politics/2016/01/07/flint-emails/78410314/	3/13/16
July 27, 2015	MDEQ prepares e-mail and draft letter re: Flint 90th percentile lead determination at 11 ppb and City of Flint requirement to add corrosion control treatment	MDEQ e-mail correspondence dated July 20-21, 2015; MDEQ letter to Flint re: Lead and Copper Monitoring dated July 27, 2015	Attachment 36 - MDEQ documentation provided to FWATF Nov. 6, 2015	
July 27, 2015	City provides MDEQ its original LCR report documenting lead levels measured in sampling from 1/1/15 to 6/30/15. LCR report is later "scrubbed" after Flint meets with MDEQ and is released on August 20, with two high lead results excluded	FOIA'd information on Flint Water Study website, including original and "scrubbed" LCR reports	flintwaterstudy.org/2015/09/commentary-MDEQ-mistakes-deception-flint-water-crisis/	3/13/16
July 28, 2015	Cristin Larder/MDHHS e-mails other MDHHS staff indicating blood lead levels were unusually elevated in summer 2014	Flint Water Study website: "Chronology of MDHHS E-mails pertaining to blood lead levels of kids in Michigan, primarily in Flint - Part II" (Roy/Edwards)	flintwaterstudy.org/wp-content/uploads/2016/01/MDHHS-FOIA-II-FINAL-For-Web.pdf	3/12/16
July 28, 2015	Nancy Peeler/MDDHS sends e-mail confirming analysis shows lead levels spiked in July-September 2014, but "that pattern was not terribly different from what we saw in the previous three years"	E-mail correspondence - MDHHS and MDEQ, dated July 22-28, 2015	Attachment 37 - MDEQ documentation provided to FWATF Nov. 6, 2015. flintwaterstudy.org	3/12/16
August 4, 2015	MDEQ representatives meet with City of Flint representatives, community activists and pastors, and LeeAnne Walters at Gov. Snyder's office	MDEQ e-mail dated August 10, 2014 documenting meeting notes	Attachment 38 - MDEQ documentation provided to FWATF Nov. 6, 2015	
August 4, 2015	LeeAnne Walters and Melissa Mays meet with MDEQ officials Shekter Smith, Busch and Wurfel to discuss lead in water problems. Walters and Mays report Shekter Smith said "Mr. Del Toral has been handled" and Flint residents would not be hearing from him again	Flint Water Study website (Sep. 30, 2015): "COMMENTARY: MDEQ Mistakes and Deception Created the Flint Water Crisis" (Roy)	flintwaterstudy.org/2015/09/commentary-mdeq-mistakes-deception-flint-water-crisis/	3/13/16
August 7, 2015	Genesee County Circuit Court Judge Hayman issues emergency injunction on earlier Flint water rate increase and orders City to roll back water and sewer rates by 35 percent, repay its water and sewer fund \$15.7 million transferred in 2007 to settle a sewer overflow claim, and immediately stop water disconnections and liens for past-due bills	MLive (Aug. 7, 2015): "Judge orders Flint to cut water rates 35 percent in sweeping injunction" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/08/flint_ordered_to_cut_water_rat.html	3/13/16
August 10, 2015	Poy/EPA e-mails Shekter Smith and Busch/MDEQ inquiring re: action on corrosion control in Flint	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
August 17, 2015	MDEQ notifies Flint of lead/copper monitoring results from Jan-June 2015 monitoring period, and requires City to install corrosion control for LCR compliance. Indicates Flint has 6 months to fully optimize corrosion control, but recommends starting phosphate treatment as soon as possible	Letter to Wright/Flint from Rosenthal/MDEQ included in chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16

Date	Event	Reference Document	Sources	Accessed
August 17, 2015	Genesee County Circuit Court places preliminary injunction on prior Flint water rate increase	MLive (Aug. 17, 2015): "Judge signs order for lower Flint water rates, \$15.7 million payback" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/08/judge_certifies_class_action_i.html	3/13/16
August 20, 2015	"Scrubbed" LCR report for City of Flint is provided to ACLU-MI in reponse to FOIA request	Flint Water Study website (Sep. 30, 2015): "COMMENTARY: MDEQ Mistakes and Deception Created the Flint Water Crisis" (Roy)	flintwaterstudy.org/2015/09/commentary-mdeq-mistakes-deception-flint-water-crisis/	3/12/16
August 23, 2015	Marc Edwards/Virginia Tech notifies City of Flint and MDEQ that VT has begun collecting samples for a water quality study in Flint	E-mail from M. Edwards to MDEQ/Flint dated August 23, 2015 is included in chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
August 25, 2015	Shekter Smith/MDEQ e-mails Ms. Walters updating her on findings related to questions at the community meeting and summarizing lead sampling / results at 212 Browning	E-mail from Shekter Smith to Ms. Walters is included in chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
August 27, 2015	Edwards/VT reports findings of elevated lead levels in its Flint water study; EPA Region 5 reports to MDEQ that VT study is finding elevated lead levels. 52% of first 48 samples analyzed were at or above 5 ppb "which suggests a serious lead in water problem"	Flint Water Study website (Aug. 27, 2015): "Analysis of water samples from 48 Flint homes to date for lead are worrisome" (Roy)	flintwaterstudy.org/2015/08/analysis-of-water-samples-from-48-flint-homes-to-date-for-lead-are-worrisome/	3/13/16
August 27, 2015	Mike Brown, Gov. Snyder's senior federal policy representative, e-mails Wurfel/MDEQ to inquire about discrepancy in lead levels measured in water in LeeAnne Walters's home. Wurfel replies: "This person is the one who had EPA lead specialist come to her home and do tests, then released an unvetted draft of his report (that EPA apologized to us profusely for) to the resident, who shared it with ACLU, who promptly used it to continue raising hell with the locals... (I)t's been rough sledding with a steady parade of community groups keeping everyone hopped-up and misinformed"	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
August 28, 2015	Poy/EPA e-mails Shekter Smith/MDEQ re: VT lead testing results in Flint: "...they are finding lead at levels above five parts per billion and some above 15 parts per billion"	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
August 28, 2015	Concerned Pastors announce water giveaway in Flint	Gov. Snyder's Flint Water timeline (released Jan. 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	1/31/16
August 31, 2015	EPA and MDEQ hold conference call: second 6-month monitoring test results for January-July 2015 indicate 90th percentile at 11 ppb. It is determined that CCT is needed and implementation steps are delineated	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
August 31, 2015	Wurfel/MDEQ e-mails Busch, Shekter Smith, Prysby and Director Wyant/MDEQ, copying Gov. Snyder aides Muchmore, Hollins, Murray and Sara Wurfel. Raises concerns about Edwards/VT's tests and accompanying media coverage	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/12/16
August 31, 2015	Genesee County Circuit Court certifies class in class action lawsuit on Sept. 2011 water rate increase	MLive (Aug. 31, 2015): "Judge OKs class action lawsuit for Flint water customers against city" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/08/judge_certifies_class_action_i.html	3/13/16
August 31, 2015	Mayor accepts petition calling for return to DWSD service. Administration statements cite TTHM compliance. "Water from the treatment plant is significantly better now and comparable with Detroit's" - Henderson	MLive (Aug. 31, 2015): "Flint mayor accepts petitions but not call to end use of Flint River" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/08/flint_mayor_accepts_petitions.html	3/13/16
August 31, 2015	Edwards/VT reports on corrosive lead levels	MLive (Sep. 2, 2015): "Lead leaches into 'very corrosive' Flint drinking water, researchers say" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/09/new_testing_shows_flint_water.html	3/13/16
September 1, 2015	City of Flint announces projected loss from disconnect moratorium and new water rates in compliance with Court order; begins sending bills with reduced rates as mandated by Judge Hayman	MLive (Sep. 1, 2015): "Unpaid Flint water bills creating \$500,000 budget hole, officials say" (Fonger) / "Typical Flint water bill dropping \$18 after ruling on improper rates"	www.MLive.com/news/flint/index.ssf/2015/09/post_436.html www.MLive.com/news/flint/index.ssf/2015/09/typical_flint_water_bill_will.html	3/13/16
September 2, 2015	VT researchers report elevated lead levels in Flint water, communicating that the corrosiveness of Flint water is causing lead to leach into residents' water through pipes. "...the current Flint River water leaches 12X more lead to the water than Detroit water"	Flint Water Study website (Sep. 2, 2015): "Flint River water is very corrosive to lead, and causing lead contamination in homes" (Roy)	flintwaterstudy.org/2015/09/flint-rivers-water-is-very-corrosive-to-lead-and-causing-lead-contamination-in-homes/	3/13/16

Date	Event	Reference Document	Sources	Accessed
September 2, 2015	Wurfel/MDEQ issues press release disputing Edwards/VT's test results and conclusions about corrosion and lead leaching. "(W)e want to be very clear that the lead levels being detected in Flint drinking water are not coming from the treatment plant or the city's transmission lines... The issue is how, or whether, and to what extent the drinking water is interacting with lead plumbing in people's homes."	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
September 2, 2015	MDEQ notifies Flint of return to compliance on Disinfection Byproducts (TTHM)	Letter to B. Wright (Flint) from Rosenthal & Prysby (MDEQ)	Attachment 43 - MDEQ documentation provided to FWATF Nov. 6, 2015	
September 2, 2015	Anonymous company donates 1,500 kitchen water filters to Concerned Pastors for distribution to Flint residents, as documented in Hollins e-mail to Gov. Snyder	Gov. Snyder's e-mails (released Jan. 20, 2016)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
September 3, 2015	Prysby/MDEQ e-mails Benzie/MDEQ stating that City administration said there will be no funding restrictions for installing corrosion control	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
September 3, 2015	Croft/Flint DPW e-mails state and local officials announcing that Flint is in compliance with MI SDWA / report 160+ lead samples since switch, remain within EPA standards. Note expect optimization plan within 4 months by 1/1/2016 (faster than other cities)	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
September 3, 2015	MLive reports on compliance with TTHM issues but also notes lead concerns	MLive (Sep. 3, 2015): "Lower TTHM levels put Flint in compliance with Safe Drinking Water Act" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/09/lower_tthm_level_s_moves_flint.html	3/13/16
September 8, 2015	Edwards/VT publishes full results to date of his Flint water testing. "FLINT HAS A VERY SERIOUS LEAD IN WATER PROBLEM. Forty percent of the first draw samples are over five parts per billion... Several samples exceeded 100 ppb and one sample collected after 45 seconds of flushing exceeded 1000 ppb."	Flint Water Study website: "Lead testing results for water sampled by residents" (Edwards, Roy, Rhoads). Includes link to lead data for all 271 residences sampled at that point	flintwaterstudy.org/information-for-flint-residents/results-for-citizen-testing-for-lead-300-kits/	3/13/16
September 8, 2015	Edwards/VT e-mails Mayor Walling re: lead in water issue. "I have no idea what MDEQ's agenda is, but based on their press releases and actions to date, protecting the public and following Federal laws, does not seem to be a priority."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/12/16
September 9, 2015	MDHHS begins to develop educational program regarding reducing the risk of lead exposure for children, in response to media coverage of Edwards/VT's test results	From MDHHS e-mails posted online	somcsprod2govm001.usgovcloudapp.net/files/dhhs.pdf	3/19/16
September 9, 2015	Wurfel/MDEQ e-mails Fonger/MLive re: Edwards's test results. Virginia Tech researchers "only just arrived in town and (have) quickly proven the theory they set out to prove... offering broad, dire public health advice based on some quick testing could be seen as fanning political flames irresponsibly"	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
September 10, 2015	Michelle Bruneau/MDHHS e-mails Kory Gretsch/MDHHS: "if we're going to take action it needs to be soon before the Virginia Tech University folks scandalize us all"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/12/16
September 10, 2015	Crooks/EPA e-mails Shekter Smith/MDEQ with notes from Aug. 31, 2015 conference call re: lead in water; includes action plan. "EPA acknowledged that to delay installation of corrosion control treatment in Flint would likely cause even higher levels of lead over time as Flint's many lead service lines are continuously in contact with corrosive water"	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
September 10, 2015	State Senator Ananich and Representatives Neeley and Phelps send questions re: Flint lead-in-water issue to Wyant/MDEQ	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
September 11, 2015	Dr. Mona Hanna-Attisha contacts Dr. Lawrence Reynolds with concerns re: children's blood lead levels in light of Edwards/VT's findings. She convenes Hurley Medical Center (HMC) Research Team. Dr. Reynolds contacts MDHHS Childhood Lead Poisoning Prevention Program (CLPPP) with data request for Flint EBLLs, and contacts MDEQ staffer who states MDEQ is awaiting a letter from MDHHS regarding health issues and action	Information provided by Dr. Lawrence Reynolds	Dr. Lawrence Reynolds's timeline	
September 11, 2015	Robert Scott/MDHHS obtains Edwards/VT's grant proposal to the National Science Foundation for funding for his Virginia Tech / Flint Water Study and forwards it to MDHHS colleagues Peeler, Lishinski and Priem. "Sounds like there might be more to this than what we learned previously. Yikes!"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/12/16
September 11, 2015	Crooks/EPA sends e-mail to MDEQ confirming that EPA did not directly transmit the draft June 24, 2015 Interim Report memo to MDEQ	E-mail from J. Crooks to MDEQ	Attachment 44 - MDEQ documentation provided to FWATF Nov. 6, 2015	

Date	Event	Reference Document	Sources	Accessed
September 11, 2015	Busch/MDEQ, in reply to request from Fonger/MLive (forwarded by Wurfel/MDEQ), e-mails that City has until end of 2015 to make a recommendation for corrosion control treatment and are planning to have it in place by January 2016. Shekter Smith replies that the City has not yet applied for a construction permit to install corrosion control treatment and "the ball's in their court"	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
September 11, 2015	Poy/EPA sends MDEQ a draft response to Congressman Kildee's Sep. 9 letter posing questions about drinking water quality in Flint. Says EPA is evaluating Flint's compliance with LCR	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
September 15, 2015	MLive reports on Edwards/VT's statement that results of Flint's lead tests cannot be trusted - that the City's results amount to "smoke and mirrors" due to flawed testing procedures. "Flint is the only city in American that I'm aware of that does not have a corrosion-control plan in place to stop this kind of problem." Wurfel's response, quoted in the article: "The problem isn't new. It's just news (now, and) a knee-jerk reaction would be an irresponsible response."	MLive (Sep. 15, 2015): "Virginia Tech professor says Flint's tests for lead in water can't be trusted" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/09/virginia_tech_rese archer_says.html	3/13/16
September 15, 2015	Dr. Reynolds discusses MDHHS graph for 0-16 yoa children with Flint mailing addresses and ELLs with two GCHD Board of Health (GCHD) members (chair Kay Doer and member Dr. Laura Carravallah) and management staff – Mark Valacak, Director; Dr. Gary Johnson, Medical Director; and John Henry, Environmental Hygiene – in an informal meeting. GCHD chair reads GCHD mission aloud. GCHD Director's response: staff and resources to access MCIR data registry for lead levels are not available; also says it is Flint DPW's responsibility to issue a health advisory, not GCHD's	Information provided by Dr. Lawrence Reynolds		
September 17, 2016	Wyant/MDEQ responds to state lawmakers'questions (September 10, 2015) stating that MDEQ "does not receive or review draft memos" from EPA	Detroit Free Press (Feb. 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/12/16
September 20, 2015	Edwards/VT alleges in e-mail to EPA officials that Flint's lead sampling techniques are seriously flawed. "They do not have an approved lead sampling pool. Only 13 of the lowest lead sampled homes from 2014 were resampled in 2015. The homes sampling high in 2014 were not asked to be resampled. At best, their program is sending out sampling bottles at random across the city"	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
September 21, 2015	Meeting with Congressional representatives, legislators, EPA and MDEQ to discuss issues with water quality in Flint	MDEQ and EPA Briefing on Flint Water - meeting agenda	Attachment 45 - MDEQ documentation provided to FWATF Nov. 6, 2015	
September 21, 2015	Greater Flint Health Coalition (GFHC) views presentation by Dr. Hanna-Attisha and passes resolution requesting health advisory for City of Flint. At noon, members of GFHC meet with then-mayor Walling, administrator Henderson and DPW director Crump requesting action on the resolutions, HMC research and VA Tech research. Administrator's response: Flint cannot change water sources because of cost, and the water leaving the plant meets MDEQ standards	Information provided by Dr. Lawrence Reynolds		
September 22, 2015	Meeting/conference call is held with MDHHS, GCHD, and MDEQ to discuss lead education/outreach	E-mail summarizing call discussion, dated September 24, 2015	Attachment 46 - MDEQ documentation provided to FWATF Nov. 6, 2015	
September 22, 2015	Genesee County Medical Society (GCMS) passes resolution requesting health advisory for City of Flint	Information provided by Dr. Lawrence Reynolds		
September 22, 2015	Dr. Hanna-Attisha contacts Robert Scott/MDHHS to request access to the state's childhood blood lead level testing data	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16
September 23, 2015	Mayor Walling indicates he will issue "an advisory and promote ways to minimize residents' exposure to lead" ... He and others in Flint Admin advise Dr. Hanna-Attisha & Dr. Reynolds "that a return to purchasing water from Detroit would bankrupt the city"	MLive (Sep. 24, 2015): "Elevated lead found in more Flint kids after water switch, study finds" (Fonger) Detroit News (Sep. 24, 2015): "Doctors warn Flint of high lead levels in tap water" (AP)	www.MLive.com/news/flint/index.ssf/2015/09/study_shows_twic e_as_many_flin.html www.detroitnews.com/story/news/local/michigan/2015/09/24/fli nt-plans-advisory-curbing-exposure-lead/72725736/	3/13/16
September 23, 2015	Nancy Peeler/MDHHS, director of state's Childhood Lead Poisoning Prevention Program (CLPPP), corresponds with Scott/MDHHS to consider re-running the analysis conducted in July, and asking for formal epidemiologic help. Later that day, MDHHS official Mikelle Robinson reports that the Governor's Office briefing maintains that Flint water does not represent an "imminent public health problem"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16

Date	Event	Reference Document	Sources	Accessed
September 24, 2015	In the absence of a response by Flint City Administration or Genesee County Health Department, a press conference is called by HMC and GFHC members to advise the community of a health emergency. In press conference, Dr. Mona Hanna-Attisha presents HMC's findings of elevated blood levels in Flint children, followed by remarks by the GCHD Director Mark Valacak. The city administrator attends. Wurfel/MDEQ calls Hurley findings "unfortunate" and says water controversy is becoming "near-hysteria"; "Flint's drinking water is safe in that it's meeting federal and state standards"	"Pediatric Lead Exposure in Flint, MI: Concerns from the Medical Community," presentation posted to Flint Water Study website US News & World Report (Sep. 25, 2015): "Did This Michigan Town Poison Its Children?" (AP) Additional information provided by Dr. Lawrence Reynolds	flintwaterstudy.org/wp-content/uploads/2015/09/Pediatric-Lead-Exposure-Flint-Water-092415.pdf www.usnews.com/news/articles/2015/09/25/flint-michigan-children-show-high-levels-of-lead-in-blood	3/13/16
September 24, 2015	Robert Scott/MDHHS e-mails colleague Nancy Peeler saying he has attempted to "recreate Hurley's numbers" and sees "difference between the two years... but not as much difference as (Hurley) did." "'I'm sure this one is not for the public"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16
September 24, 2015	Debbie Baltazar/EPA, chief of Region 5 Water Division's State and Tribal Programs Branch, e-mails colleagues re: use of Drinking Water State Revolving Fund funding for water filters in Flint. "Perhaps she [Hedman] knows all this, but I'm not so sure Flint is the community we want to go out on a limb for. At least without a better understanding of where all that money went"	Vox (Mar. 15, 2016): EPA email: "I'm not so sure Flint is the community we want to go out on a limb for" (Nelson)	www.vox.com/2016/3/15/11239438/flint-epa	3/15/16
September 24, 2015	Edwards/VT e-mails Scott/MDHHS re: difficulty in obtaining state blood-lead records. "Can you tell me why it is so difficult to get this data, and why your agency is raising so many obstacles to sharing it with everyone who asks?...I have been asking to see your data since MDEQ first sent it to reporters back in August, and I count 10 email that I sent responding to all your questions. As of yet, you have given me nothing in response"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16
September 25, 2015	Scott/MDHHS drafts response to Edwards/VT but does not send to him; sends to Peeler/MDHHS for review who recommends changes. Scott: "I agree that his statements are inappropriate; there are plenty of things I'd LIKE to say in response, but won't"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16
September 25, 2015	GCHD and City of Flint issue lead advisory for residents to be aware of lead levels in drinking water; City of Flint holds press conference at City Hall regarding drinking water	Lead Advisory press release; MDEQ e-mails; City of Flint - DPW Public Information Plan MLive (Sep. 25, 2015): "Flint makes lead advisory official, suggests water filters and flushing" (Fonger)	Attachment 48 - MDEQ documentation provided to FWATF Nov. 6, 2015. www.MLive.com/news/flint/index.ssf/2015/09/flint_makes_lead_advisory_offi.html	3/13/16
September 25, 2015	G. Lasher/MDHHS e-mails Governor's Office and MDEQ with update on Flint drinking water issue minimizing findings from Dr. Hanna-Attisha's "data"; attaches MDHHS talking points to support claim that elevated blood lead levels in Flint in 2014 are consistent with seasonal changes	Included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 74, e-mail; pp. 79-82, MDHHS study results and talking points)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
September 25, 2015	Scott/MDHHS responds to email from colleagues about Kristi Tanner/Detroit Free Press's interest in lead issue. Tanner has looked at DHS blood lead data between 2013-2014 and concludes the increase "is statistically significant." Scott: "While the trend for Michigan as a whole has shown a steady decrease in lead poisoning year by year, smaller areas such as the city of Flint have their bumps from year to year while still trending downward overall." Peeler: "My secret hope is that we can work in the fact that this pattern is similar to the recent past."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16
September 25, 2015	Chief of Staff Dennis Muchmore e-mails Gov. Snyder an update on Flint water issues. "I can't figure out why the state is responsible except that Dillon did make the ultimate decision so we're not able to avoid the subject. The real responsibility rests with the County, city and KWA, but since the issue is the health of citizens and their children we're taking a proactive approach putting MDHHS out there as an educator"	Included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 71/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
September 26, 2015	Chief of Staff Dennis Muchmore e-mails Gov. Snyder an update on Flint water issues. "Now we have the anti everything group turning to the lead content... We can't tolerate increased lead levels in any event, but it's really the city's water system that needs to deal with it"	Included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 73/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
September 28, 2015	MDEQ and MDHHS directors brief Gov. Snyder on potential scope and magnitude of the issue. MDHHS continues to review blood lead data. Briefing documents support claim that blood lead levels are consistent with seasonal changes	Briefing documents included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 87-91)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16

Date	Event	Reference Document	Sources	Accessed
September 28, 2015	Sen. Ananich sends letter to Gov. Snyder requesting assistance in Flint - transition to safe water supply, corrosion control treatment, filters, infrastructure	Included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 85/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
September 28, 2015	MDHHS Director Nick Lyon e-mails staff in his department for help refuting VT/HMC blood lead level data. "I need an analysis of the Virginia Tech/Hurley data and their conclusions. I would like to make a strong statement with a demonstration of proof that the lead blood levels seen are not out of the ordinary and are attributable to seasonal fluctuations. GERALYN (Lasher) is working on this for me but she needs someone in public health who can work directly with her on immediate concerns/questions."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16
September 28, 2015	Valacek/GCHD e-mails Rashmi and Travis/MDHHS requesting confirmation that blood lead levels have not shown significant increase since switch to Flint River water supply -- asks again the following day	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16
September 28, 2015	Gov. Snyder is copied on a briefing re: Flint lead issue that states the water system is in compliance. Briefing document under-states lead sampling results, downplays problems and emphasizes the high cost of replacing lead service lines	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16
September 29, 2015	Wurfel/MDEQ states in National Public Radio interview that Del Toral's draft report was the work of a "rogue employee"	NPR (Sep. 29, 2015): "High Lead Levels In Michigan Kids After City Switches Water Source" (Hulett)	www.npr.org/2015/09/29/444497051/high-lead-levels-in-michigan-kids-after-city-switches-water-source	3/13/16
September 29, 2015	Detroit Free Press publishes their own analysis of state's blood lead level data, saying the state's data actually support the HMC findings	Detroit Free Press (Sep. 29, 2015): "State data confirms higher blood-lead levels in Flint kids" (Tanner, Kaffer)	www.freep.com/story/opinion/columnists/nancy-kaffer/2015/09/26/state-data-flint-lead/72820798/	3/13/16
September 29, 2015	Executive Director to the Governor Allison Scott e-mails Snyder aides Muchmore, Agen, Clement, Wyant/MDEQ and Lyon/MDHHS re: meeting to discuss emergency management approach for Flint situation	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16
September 29, 2015	Lasher/MDHHS circulates to colleagues an advisory from Genesee County that demands fresh analysis of state blood level data and threatens to seek third-party analysis of the state data MDHHS has consistently used to suggest no elevated blood lead levels due to the Flint water. "I understand that we are still reviewing the data -- but the county has basically issued a ransom date that they want this information by tomorrow"	From MDHHS e-mails posted online	somcsprod2govm001.usgovcloudapp.net/files/dhhs.pdf	3/13/16
September 29, 2015	Lasher/MDHHS e-mails Peeler, Eden Wells (state CMO), Scott/MDHHS requesting blood lead data for children under age 6, to compare with other evaluations. Response from Linda Dykema to Corinne Miller, Sara LyonCallo and Eden Wells discourages "data war"	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16
September 29, 2015	Dr. Hanna-Attisha e-mails Wells/MDHHS with updated findings on blood lead levels correlated to water supply switch; Wells asks when Hanna-Attisha is going public with the results. Hanna-Attisha: "...when we noticed our findings and the glaring correlation to elevated water lead levels in the same locations and learned that corrosion control as never added to the water treatment, we ethically could not stay silent. In addition, your annual elevated blood level percentage supports our findings -- annual decrease (as seen nationally) and then an increase post-water switch. We also knew that releasing our data would only incite a data war; however, the more we dig, the more alarming the results."	From MDHHS e-mails posted online	somcsprod2govm001.usgovcloudapp.net/files/dhhs.pdf	3/13/16
September 29, 2015	Gov. Snyder receives a detailed timeline for Flint water issues prepared by Treasury	Included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 102/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
September 29, 2015	Genesee County issues its own public health advisory for people using water supplied by Flint system	MLive (Sep. 29, 2015): "Genesee County joins city in issuing health advisory on lead in Flint water" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/09/genesee_county_also_issues_pub.html	3/13/16
September 30, 2015	Mayor Walling forwards Wyant/MDEQ an e-mail from Fr. Phil Schmitter that states: "You delayed your action on this issue for an inordinate amount of time. People were told over and over that it was all fine... I no longer trust the city on this issue. And that we have now a lead problem for babies and children is unconscionable." Walling: "I don't know what more I could have done given the guidance coming from EPA and DEQ and subsequently city staff but this major health issue did come up anyway and our community is paying a huge price."	As reported in Bridge Magazine (Feb. 4, 2016): "Disaster Day by Day: A detailed Flint crisis timeline"	bridgemi.com/2016/03/flint-crisis-timeline-part-3/	3/13/16
October 2015	City of Flint issues Quarterly Water Quality Report	Posted to City of Flint website	www.cityofflint.com/wp-content/uploads/Quarterly-Water-Quality-Report_Oct-15.pdf	3/13/16

Date	Event	Reference Document	Sources	Accessed
October 2015	Michigan Office of the Auditor General begins formal review of MDEQ ODWMA	Michigan Radio (Oct. 20, 2015): "Auditor general looking into state agency responsible for monitoring Flint water" (Carmody)	audgen.michigan.gov/wip/wip761032015.html michiganradio.org/post/auditor-general-looking-state-agency-responsible-monitoring-flint-water#stream/0	3/13/16
October 1, 2015	State CMO Wells confirms HMC blood lead level data (showing greatly increased blood lead levels in some Flint neighborhoods). "After a comprehensive and detailed review down to the zip code level, we have found that the state analysis is consistent with that presented by Hurley."	"Blood Lead Levels in Flint Talking Points," dated Oct. 5, 2015, from MDHHS e-mails posted online	somcsprod2govm001.usgovcloudapp.net/files/dhhs.pdf	3/13/16
October 1, 2015	Genesee County Board of Commissioners and GCHD issue "Do Not Drink" Advisory for Flint water using the Flint River as a source; news conference. GCHD declares Public Health Emergency. Flint Mayor Walling issues statement on advisory saying Flint Water customers should filter their water before drinking it	Public Health Emergency Declaration for People Using the Flint City Water Supply with the Flint River as the Source MLive (Oct. 1, 2015): "Don't drink Flint's water, Genesee County leaders warn" (Johnson)	Attachment 49 - MDEQ documentation provided to FWATF Nov. 6, 2015. www.MLive.com/news/flint/index.ssf/2015/10/genesee_county_leaders_warn_do.html#incart_river_mobile	3/13/16
October 1, 2015	Private and public sources donate \$105,000 to fund 5,000 water filters for Flint residences; to be distributed to "highest risk populations first"	MLive (Oct. 1, 2015): "More than 5,000 in Flint to get lead water filters following donation" (Adams)	www.MLive.com/news/flint/index.ssf/2015/10/more_than_5000_in_flint_to_get.html	3/13/16
October 1, 2015	MLive reports that Flint Water stores service line records on index cards, making it difficult to identify highest-risk locations for lead pollution	MLive (Oct. 1, 2015): "Flint data on lead water lines stored on 45,000 index cards" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/10/flint_official_says_data_on_lo.html	3/13/16
October 1, 2015	Greater Flint chapter ACLU joins petition urging EPA to order Flint to reconnect to DWSD system	MLive (Oct. 2, 2015): "Petition launched for EPA intervention in Flint water crisis" (Emery)	www.MLive.com/news/flint/index.ssf/2015/10/greater_flint_aclu_holds_meeti.html	3/13/16
October 1, 2015	DWSD provides proposal for reconnecting Flint to DWSD system	Referenced in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 97/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
October 2, 2015	Governor's Office, EPA Region 5, City of Flint, MDEQ and MDHHS hold press conference announcing Governor's Flint 10-point Action Plan to address water system, \$1 million for water filters, and anti-corrosion treatment. Governor's press release also says the water leaving Flint's system is safe to drink but families with lead plumbing in their homes could have higher lead levels	Press release - "Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns"; press conference announcement	www.michigan.gov/som/0,4669,7-192-29701-366287--,00.html Attachment 50 - MDEQ documentation provided to FWATF Nov. 6, 2015	3/13/16
October 2, 2015	Gov. Snyder requests "clear side by side comparison of health benefits and cost of GLWA vs. a more optimized Flint system" in e-mail to Muchmore	Included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 102/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
October 2, 2015	GCHD school screening water samples are collected for lead analysis	Flint Community Schools Testing Results - Initial Screening	Attachment 51 - MDEQ documentation provided to FWATF Nov. 6, 2015	
October 6, 2015	E-mails indicate Wyant/MDEQ Director will update Gov. Snyder daily on Flint water action plan announced Oct. 2	Included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 102/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
October 7, 2015	State Budget Director John Roberts outlines \$10.4 million in state aid to implement the action plan of October 2	Included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 102/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
October 8, 2015	Gov. Snyder holds press conference: Flint to reconnect to Great Lakes Water Authority/Detroit Water and Sewerage Department	Press release - "Gov. Rick Snyder: Move back to Detroit water provides best protection for public health in Flint"	Attachment 52 - MDEQ documentation provided to FWATF Nov. 6, 2015	
October 8, 2015	City of Flint develops its plan to reconnect to Detroit Water and Sewerage Department	As reported in a timeline produced by the Michigan Auditor General in December 2015		
October 8, 2015	Wyant/MDEQ briefs Gov. Snyder on Flint water issues; affirms elevated test results for lead in water at Flint schools	Briefing materials included in Gov. Snyder's e-mails released Jan. 20, 2016 (p. 116-121)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
October 8, 2015	Detroit paper publishes editorial criticizing causes of/response to Flint water crisis	Detroit Free Press (Oct. 8, 2015): "Flint water crisis: An obscene failure of government" (Editorial Board)	www.freep.com/story/opinion/editorials/2015/10/08/flint-water-crisis-obscene-failure-government/73578640/	3/13/16
October 11, 2015	Detroit Free Press publishes article with details on corrosivity of Flint River water, based on VT's study. "The tests showed Flint Water without added phosphates corroded the lead at 19 times the rate of Detroit water. Even when phosphates were added, it corroded at 16 times the rate of the Detroit water." (DFP 10-11-15)	Detroit Free Press (Oct. 11, 2015): "Chemical testing could have predicted Flint's water crisis" (Wisely, Erb)	www.freep.com/story/news/local/michigan/2015/10/10/missed-opportunities-flint-water-crisis/73688428/	3/13/16
October 13, 2015	MDEQ announces plans for statewide lead education campaign focused on schools	Detroit Free Press (Oct. 13, 2015): "Michigan to launch lead education effort statewide" (Higgins)	www.freep.com/story/news/local/michigan/2015/10/13/lead-water-flint-michigan-testing/73871480/	3/13/16
October 14, 2015	State Legislature authorizes \$9.35 million to help City of Flint pay for return to DWSD water system, water filters, and staff at schools to gauge lead exposure (signed by Gov. Snyder Oct. 15). C.S. Mott Foundation pledges another \$4 million and City of Flint will provide additional \$2 million	Detroit Free Press (Oct. 14, 2015): "Michigan House OKs \$9.35M to aid in Flint water crisis" (Gray)	www.freep.com/story/news/local/michigan/2015/10/14/michigan-house-oks-915m-aid-flint-water-crisis/73932980/	3/13/16
October 16, 2015	DWSD and City of Flint execute water supply contract, and City of Flint is reconnected to DWSD system	LAN01-#394270-v1-Executed Flint Water Agreement DWSD.PDF, Letter to B. Wright (Flint) from Rosenthal & Prysby (MDEQ), e-mail from MDEQ confirming disinfection testing of transmission main	MDEQ info: Attachment 53 - MDEQ documentation provided to FWATF Nov. 6, 2015	
October 16, 2015	First weekly coordination meeting held between City of Flint and state agencies	Information provided by MDEQ to Flint Water Advisory Task Force		

Date	Event	Reference Document	Sources	Accessed
October 16, 2015	MDEQ meets with Flint Schools Superintendent and Genesee County Health Department	Information provided by MDEQ to Flint Water Advisory Task Force		
October 16, 2015	EPA announces formation of Flint Safe Drinking Water Task Force to provide technical expertise to MDEQ and City of Flint	EPA press release - "EPA Establishes Safe Drinking Water Task Force to Provide Technical Expertise to MDEQ and City of Flint"	yosemite.epa.gov/opa/admpress.nsf/0/A92DE629DB86E66685257EE000579593	3/13/16
October 16, 2015	Edwards/VT e-mails Wyant/DEQ, state legislators and Flint residents Walters and Mays citing inaccuracies in lead sampling and communication	Chronological compilation of MDEQ e-mails from FOIA requests (Roy/Edwards) posted to Flint Water Study website	flintwaterstudy.org/wp-content/uploads/2015/10/MDEQ-USEPA-Final.pdf	3/13/16
October 16, 2015	MDEQ approves GCDC Water Supply System permit for new 30-mgd WTP	MDEQ Permit W151099	media.wix.com/ugd/60e74e_dc3d45b23fd5418fbb6ec65d0ad97413.pdf	3/13/16
October 18, 2015	MDEQ Director Dan Wyant issues statement saying his office was mistaken in how it interpreted federal rules governing corrosion control for water systems the size of Flint; also says ODWMA chief Shekter Smith is being reassigned to help with FOIA requests, and is being replaced by interim chief Jim Sygo	Detroit News (Oct. 19, 2015): "Michigan DEQ vows changes in Flint water crisis" (Lynch) MLive (Oct. 19, 2015): "DEQ chief says state used wrong federal water rules in Flint for 17 months" (Fonger) MLive (Oct. 19, 2015): "DEQ replaces water official after state acknowledges 'mistake' in Flint" (Fonger)	www.detroitnews.com/story/news/environment/2015/10/18/deq-mistakes/74198882/ www.MLive.com/news/flint/index.ssf/2015/10/state_deq_flint_should_have_be.html www.MLive.com/news/flint/index.ssf/2015/10/top_state_water_official_repla.html	3/13/16
October 21, 2015	U.S. Rep. Dan Kildee, D-Flint, and state Senate Minority Leader Jim Ananich, D-Flint, issue separate letters to Gina McCarthy, EPA Administrator, requesting federal review of MDEQ's oversight of water treatment	MLive (Oct. 21, 2015): "Kildee, Ananich call for federal investigation into Flint water crisis" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/10/kildee_ananich_call_for_federa.html	3/13/16
October 21, 2015	EPA's Flint Safe Drinking Water Task Force provides MDEQ with technical comments on Draft School Sampling Protocol	Posted to EPA website	www.epa.gov/mi/flint-safe-drinking-water-task-force-activities	3/13/16
October 21, 2015	Gov. Snyder announces formation of Flint Water Advisory Task Force to complete an After-Action Review	Press release - "Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations" Detroit Free Press (Oct. 21, 2015): "Task force appointed to examine Flint water controversy" (Gray)	michigan.gov/snyder/0,4668,7-277--367761--,00.html www.freep.com/story/news/politics/2015/10/21/task-force-appointed-examine-flint-water-controversy/74342628/	3/1/16
October 22, 2015	Detroit paper publishes column on MDEQ's "stunning indifference" to Flint water crisis	Detroit Free Press (Oct. 21, 2015): "MDEQ e-mails show stunning indifference to Flint peril" (Kaffer) FOIA'd information is also provided on Flint Water Study website	www.freep.com/story/opinion/columnists/nancy-kaffer/2015/10/21/indifference-characterized-state-approach-flint-water/74289430/	3/13/16
October 23, 2015	EPA's Flint Safe Drinking Water Task Force provides MDEQ technical comments on Flint Corrosion Control Plan	Included on Safe Drinking Water Task Force list of activities, posted to EPA website	www.epa.gov/mi/flint-safe-drinking-water-task-force-activities	
October 26, 2015	Former Flint EM Earley issues statement to MLive claiming decision to switch to Flint River as supply source was "a local decision made by local civic leaders"	MLive (Oct. 26, 2015): "Ex-emergency manager says local leaders made decision to use Flint River water" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/10/ex-emergency_manager_says_loca.html	3/13/16
October 28, 2015	MDEQ issues construction permit for additional corrosion control treatment W151104	MDEQ Construction Permit W151104	Attachment 54 - MDEQ documentation provided to FWATF Nov. 6, 2015	
October 30, 2015	MDEQ notifies Flint regarding corrosion control treatment operation	Letter from Prysby/MDEQ to Glasgow/Flint	Attachment 55 - MDEQ documentation provided to FWATF Nov. 6, 2015	
October 30, 2015	EPA's Flint Safe Drinking Water Task Force provides MDEQ technical comments on Flint Corrosion Control Permit and cover letter	Included on Safe Drinking Water Task Force list of activities, posted to EPA website	www.epa.gov/mi/flint-safe-drinking-water-task-force-activities	3/13/16
October 31, 2015	Flint sends letters to parents providing recommendations of GCHD and MDHHS	MLive (Oct. 31, 2015): "Letters to be sent to Flint parents with information on lead testing" (Emery)	www.MLive.com/news/flint/index.ssf/2015/10/letters_to_be_sent_to_flint_pa.html	3/13/16
November 2, 2015	MI National Action Network (NAN) calls for special court for offenders who consumed water contaminated by lead poisoning in Flint. Governor's Office notes work of Flint Water Advisory Task Force	MLive (Nov. 2, 2015): "Al Sharpton group wants new Flint court for possible lead poison victims" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/11/al_sharpton_group_wants_specia.html	3/13/16
November 3, 2015	EPA to conduct "full review of actions taken to address drinking water quality issues in Flint," with results by end of week of Nov. 2nd (MLive). EPA also will audit MDEQ's drinking water program, which "will take several months" (EPA press release)	EPA Region 5 press release: "EPA Region 5 to Audit State of Michigan's Drinking Water Program" MLive (Nov. 3, 2015): "U.S. EPA will conduct 'full review' of Flint water crisis" (Fonger)	yosemite.epa.gov/opa/admpress.nsf/a5792a626c8dac098525735900400c2d/9e26559c4478e1cb85257ef900617183!OpenDocument www.MLive.com/news/flint/index.ssf/2015/11/us_epa_tells_kild_ee_it_will_ca.html	3/13/16
November 3, 2015	EPA releases memo indicating differing possible interpretations of the LCR with respect to how OCCT procedures apply to this situation (new water source/new water treatment)	"Lead and Copper Rule Requirements for Optimal Corrosion Control Treatment for Large Drinking Water Systems," posted to EPA website	www.epa.gov/sites/production/files/2015-11/documents/occt_req_memo_signed_pg_2015-11-03-155158_508.pdf	3/13/16
November 3, 2015	Karen Weaver defeats incumbent Dayne Walling in Flint mayoral election; takes office November 9, 2015	MLive (Nov. 3, 2015): "Karen Weaver unseats Dayne Walling to win Flint mayor" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/11/karen_weaver_makes_history_ele.html	3/13/16

Date	Event	Reference Document	Sources	Accessed
November 4, 2015	EPA issues "Final Report: High Lead at Three Residences in Flint, Michigan"; includes information June 24 Interim Report, with personal ID/health info redacted	"Final Report: High Lead at Three Residences in Flint, Michigan"; transmittal from T. Hyde/EPA to J. Sygo/MDEQ, posted to ACLU-MI website	www.aclumich.org/sites/default/files/Redacted%20EPA%20memo.110415.pdf	3/13/16
November 4, 2015	DEQ authorizes a permit for installation of corrosion control at Flint WTP	MLive (Feb. 17, 2016): "Flint water crisis unfolds in key officials' emails through the years" - provides screen capture of e-mail referring to permit authorization	www.MLive.com/news/flint/index.ssf/2016/02/see_flint_water_crisis_unfold.html#4	3/12/16
November 9, 2015	MDEQ releases water testing data from nearly 400 homes and businesses as well as schools; press release says tests indicate lead problem is related to individual buildings or faucets, not system-wide	Included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 200-206/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
November 10, 2015	EPA announces intent to audit State of Michigan's drinking water program; will examine MDEQ's implementation of SDWA and related rules on lead and copper, total coliform, nitrates and ground water	EPA Region 5 press release: "EPA Region 5 to Audit State of Michigan's Drinking Water Program" MLive (Nov. 10, 2015): "EPA to audit Michigan drinking water program following Flint lead crisis" (Fonger)	yosemite.epa.gov/opa/advpress.nsf/a5792a626c8dac098525735900400c2d/9e26559c4478e1cb85257ef900617183!OpenDocument www.MLive.com/news/flint/index.ssf/2015/11/epa_says_it_will_audit_michiga.html#incart_story_package	3/13/16
November 10, 2015	EPA's Flint Safe Drinking Water Task Force meets in Flint with Rep. Kildee and City of Flint officials to discuss technical issues with optimization of corrosion control	Included on Safe Drinking Water Task Force list of activities, posted to EPA website	www.epa.gov/mi/flint-safe-drinking-water-task-force-activities	3/13/16
November 12, 2015	MLive publishes article indicating City of Flint certified that most water samples came from homes at high risk for lead, but other records indicate most did not - potentially leading the city and state to underestimate for months the extent of lead pollution in tap water	MLive (Nov. 12, 2015): "Documents show Flint filed false reports about testing for lead in water" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/11/documents_show_city_filed_fals.html#incart_story_package	3/13/16
November 13, 2015	Flint families file federal lawsuit accusing 14 state and local officials of intentional negligence	Detroit Free Press (Nov. 13, 2015): "After Flint Water Crisis, Families File Lawsuit" (Bethencourt)	www.freep.com/story/news/local/michigan/2015/11/13/after-flint-water-crisis-families-file-lawsuit/75744376/	3/13/16
November 13, 2015	Genesee Co. Dept. of Health and Michigan MDHHS announce they are providing resources to educate Flint residents and primary care providers about lead and what people should do to protect themselves	MLive (Nov. 13, 2015): "County Health Department, state partner to educate Flint area on lead" (Johnson)	www.MLive.com/news/flint/index.ssf/2015/11/county_health_department_state.html#incart_story_package	3/13/16
November 13, 2015	MI Board of Canvassers rejects petition filed by Angelo Scott Brown of Detroit to recall Gov. Snyder, alleging he is responsible for Flint water crisis	MLive (Nov. 13, 2015): "Board rejects petition seeking to recall Michigan Gov. Rick Snyder" (Oosting)	www.MLive.com/lansing-news/index.ssf/2015/11/board_rejects_petition_to_reca.html#incart_river_index	3/13/16
November 13, 2015	Class action lawsuit is filed against Gov. Snyder, State of Michigan and various city and state employees on behalf of Melissa Mays and other Flint residents	Case is filed in U.S. District Court, Eastern District of Michigan	flintwaterclassaction.com	3/13/16
November 16, 2015	ACLU Michigan, NRDC and Concerned Pastors for Social Action announce intended federal lawsuit against City and State officials over the Flint water crisis	Press release and notice posted to ACLU-MI website. MLive (Nov. 16, 2015): "ACLU, national activists intend to sue Gov. Snyder, Flint over lead in water" (Fonger)	www.aclumich.org/article/flint-residents-sue-city-state-over-lead-drinking-water www.MLive.com/news/flint/index.ssf/2015/11/nrdc_aclu_file_notice_to_sue_s.html#incart_river_index	3/13/16
November 16, 2015	Howard Croft resigns as Flint DPW director	MLive (Nov. 16, 2015): "Howard Croft, Flint official responsible for water oversight, resigns" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/11/howard_croft_flint_official_re.html#incart_river_index	3/13/16
November 17, 2015	MDEQ provides Flint drinking water Q&A to Flint Water Advisory Task Force	Q&A document dated Nov. 16, 2015 included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 217-235/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
November 18, 2015	Elected officials and activists testify before USEPA National Drinking Water Advisory Council regarding Flint water crisis	MLive (Nov. 18, 2015): "Story of Flint water crisis, 'failure of government,' unfolds in Washington" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/11/story_of_flint_water_crisis_fa.html#incart_story_package	3/13/16
November 19, 2015	MDHHS releases data on October 2015 blood lead levels; 24 of 963 adults and children tested had elevated blood lead levels in October	E-mail from MDHHS to Governor's Office, press release and talking points included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 207-216/274)	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
November 22, 2015	Detroit Free Press reports on Governor's office's involvement in decisions to approve KWA and to use Flint River water for City of Flint water supply	Detroit Free Press (Nov. 22, 2015): "Flint water mystery: How was decision made?" (Egan) Detroit Free Press (Nov. 21, 2015): "Answers prompt more questions in Flint water crisis" (Kaffer)	www.freep.com/story/news/politics/2015/11/21/snyders-top-aide-talked-flint-water-supply-alternatives/76037130/ www.freep.com/story/opinion/columnists/nancy-kaffer/2015/11/21/flint-water-crisis/76060708/	3/13/16
November 23, 2015	Flint City Council approves \$907,650 contract extension for engineering company LAN to prepare Flint WTP for treating Lake Huron water from KWA pipeline	MLive (Nov. 23, 2015): "Engineer gets \$907,000 contract add-on to prepare Flint for KWA water" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/11/engineer_gets_907000_contract.html	3/13/16
November 23, 2015	EPA's Flint Safe Drinking Water Task Force releases comments on Flint's residential lead and copper sampling instructions; agrees with Del Toral that pre-flushing should be removed	Comments posted to EPA website	www.epa.gov/mi/flint-safe-drinking-water-task-force-comments-flints-residential-drinking-water-lead-copper	3/13/16
November 25, 2016	EPA's Flint Drinking Water Task Force releases Preliminary Assessment, with recommendations on sampling protocol, operating procedures, corrosion control and outreach during transition to KWA pipeline	"Lead in Drinking Water - Preliminary Assessment," posted to EPA website	www.epa.gov/mi/flint-safe-drinking-water-task-force-draft-lead-drinking-water-preliminary-assessment	3/13/16

Date	Event	Reference Document	Sources	Accessed
November 25, 2015	Hearing held on whether City has violated Genesee County Circuit Court order to reduce water and sewer rates	MLive (Nov. 25, 2015): "Flint water customers say no change in bills, despite court order" (Ridley)	www.MLive.com/news/flint/index.ssf/2015/11/flint_residents_testify_on_wat.html	3/13/16
December 2015	City of Flint in talks with state and federal regulators to determine how long Flint will be required to practice treating water from a new pipeline before selling it to customers	MLive (Dec. 11, 2015): "Flint in talks with regulators over length of test run with KWA water" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/12/flint_in_talks_with_regulators.html#incart_story_package	3/13/16
December 2, 2015	Dr. Edwards makes presentation at Hurley Medical Center stating that Flint's water is still not safe to drink without filtration in some areas; Mayor Weaver presents him with a Certificate of Appreciation	MLive (Dec. 2, 2015): "Flint water still unsafe without lead filters, professor says" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/12/lead_levels_in_flint_water_st.html	3/13/16
December 3, 2015	MI Board of Canvassers again rejects petition filed by Angelo Scott Brown of Detroit to recall Gov. Snyder; Brown says he will try again	Detroit Free Press (Dec. 3, 2015): "Push to recall Snyder over Flint water crisis stalls" (Egan)	www.freep.com/story/news/local/michigan/2015/12/03/election-board-rejects-latest-snyder-recall-petition/76712410/	3/13/16
December 4, 2015	State reports that blood lead levels in Flint children have dropped, with the rate falling to 3% of children under 6, based on results from 1,361 children. Dr. Hanna-Attisha: the most recent data does not capture past exposure, so it provides limited information on the population's real exposure	Detroit Free Press (Dec. 4, 2015): "State says blood-lead levels in Flint kids have dropped" (Erb)	www.freep.com/story/news/local/michigan/2015/12/03/flint-kids-lead-levels/76746474/	3/13/16
December 4, 2015	EPA's Flint Drinking Water Task Force releases comments on MDHHS residential drinking water sampling protocol	Posted to EPA website	www.epa.gov/sites/production/files/2016-01/documents/ftf-4_task_force_comments_on_mdhhs_residential_sampling_protocol_12-4-15.pdf	3/13/16
December 4, 2015	James Henry/GCHD recapped events over several months in an e-mail to other county health officials and singled out a specific state health department official he said had sabotaged their <i>Legionella</i> investigation	Detroit Free Press (Feb. 9, 2016): "Flint e-mails: CDC voiced concerns over Legionnaires' actions" (Dolan, Anderson, Egan, Wisely)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/09/flint-e-mails-state-city-appear-unable-share-info/80028820/	3/13/16
December 5, 2015	Tamara Brickley, GCHD public health division director, e-mails other county health officials that "the state is making clear they are not practicing ethical public health practice" re: Legionella outbreak. "Now evidence is clearly pointing to a deliberate cover-up... In my opinion, if we don't act soon, we are going to become guilty by association."	Detroit Free Press (Feb. 9, 2016): "Flint e-mails: CDC voiced concerns over Legionnaires' actions" (Dolan, Anderson, Egan, Wisely)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/09/flint-e-mails-state-city-appear-unable-share-info/80028820/	3/13/16
December 7, 2015	FWATF sends letter to Gov. Snyder recommending project coordination framework for Flint water crisis mitigation, with single-point management, goals, timeline, responsibility assignments, contingency planning and communication	Letter posted online by MLive	media.MLive.com/newsnow_impact/other/FWATF%20letter%20to%20Governor%20Snyder.pdf	1/31/16
December 8, 2015	Testimony continues in hearing on whether City has violated Genesee County Circuit Court order to reduce water and sewer rates	MLive (Dec. 8, 2015): "Daughter's piggy bank makes appearance in Flint water rate hearing" (Ridley)	www.MLive.com/news/flint/index.ssf/2015/12/daughters_piggy_bank_makes_app.html	3/13/16
December 8, 2015	Mayor Weaver holds first Town Hall meeting; Flint City Administrator Henderson announces plan to start independent testing for lead in City of Flint water supply	MLive (Dec. 9, 2015): "Flint administrator says city plans to add third-party water testing" (Fonger) MLive (Dec. 10, 2015): "Flint will pay for independent water tests, added phosphate treatment" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/12/flint_administrator_says_city_1.html#incart_river_index www.MLive.com/news/flint/index.ssf/2015/12/flint_will_pay_for_independent.html	3/13/16
December 9, 2015	City of Flint starts adding supplemental phosphates to water purchased from City of Detroit in an effort to rebuild protective coating in transmission lines	MLive (Dec. 9, 2015): "Flint officials say they've boosted corrosion control agents in water" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/12/flint_officials_say_theyre_booo.html#incart_river_index	3/13/16
December 10, 2015	MDEQ issues report finding lead in plumbing system at Brownell STEM Academy - one of three school buildings that tested above federal limits for lead. Includes quotes from Wurfel attributing high lead levels to "old faucets and drinking water fountains"	MLive (Dec. 10, 2015): "More lead in plumbing found at Flint's Brownell school, state report says" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/12/state_report_identifies_more_lead.html#incart_river_index	3/13/16
December 11, 2015	MDHHS releases latest results from blood lead testing conducted in Flint since Oct. 1. 39 of 1,386 adults and children had elevated blood lead levels since Oct. 1, 2015	Included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 246-247/274)	michigan.gov/snyder/0,4668,7-277--367761--,00.html	3/12/16
December 11, 2015	Former Flint Mayor James Sharp calls for federal investigations into Flint water controversy	Detroit Free Press (Dec. 11, 2015): "Former Flint mayor wants feds to probe lead in water" (Egan)	www.freep.com/story/news/local/michigan/2015/12/10/former-flint-mayor-wants-feds-probe-lead-water/77088024/	3/13/16
December 14, 2015	Flint Mayor Weaver declares state of emergency in Flint -- the first step in pursuing a federal disaster declaration. Declaration says the damage done to Flint children by lead exposure is irreversible, creating need for increased spending on special education, mental health and juvenile justice	MLive (Dec. 15, 2015): "Read Flint mayor's state of emergency declaration on water crisis" The Guardian (Dec. 15, 2015): "Flint mayor declares 'manmade disaster' over lead-tainted water supply"	www.MLive.com/news/flint/index.ssf/2015/12/read_flint_mayor_karen_weavers.html#incart_river_index www.theguardian.com/us-news/2015/dec/15/michigan-mayor-declares-manmade-disaster-lead-tainted-water-supply	3/13/16

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December 14, 2015	FEMA sends 28,000 liters of water to Food Bank of Eastern Michigan, for distribution to partner agencies to serve Flint residents	MLive (Dec. 14, 2015): "FEMA sends 28,000 liters of bottled water to Flint amid lead troubles"	www.MLive.com/news/flint/index.ssf/2015/12/fema_sends_thou_sands_of_cases.html	3/13/16
December 15, 2015	Gov. Snyder issues response to FWATF's Dec. 7 letter, naming Harvey Hollins, director of Office of Urban Initiatives, to lead Flint water crisis response, with Chris DeWitt supporting communications	Letter dated Dec. 15, 2015 posted online by MLive MLive (Dec. 17, 2015): "Read letters from governor, task force on Flint water crisis" (Fonger)	media.MLive.com/newsnow_impact/other/15.12.15%20Flint%20Task%20Force%20Letter.pdf www.MLive.com/news/flint/index.ssf/2015/12/read_letters_from_governor_tas.html#incart_river_index	3/13/16
December 16, 2015	EPA's Flint Drinking Water Task Force releases recommendations on Flint drinking water treatment prior to switching to KWA source		www.epa.gov/mi/flint-safe-drinking-water-task-force-recommendations-regarding-flint-drinking-water-treatment	3/13/16
December 17, 2015	FWATF issues press release re: letter to Gov. Snyder and response	Press release described in MLive (Dec. 17, 2015): "Governor's task force on Flint water crisis releases early recommendations" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/12/state_task_force_on_flint_wate.html#incart_river_index	3/13/16
December 17, 2015	National media coverage of Flint water crisis - e.g.: MSNBC's Rachel Maddow Show report on Flint water crisis places blame on Governor's Office and "radical, anti-democratic policies"; The Guardian (US edition) article describes interview with Dr. Hanna-Attisha	MSNBC - Rachel Maddow Show (Dec. 19, 2015): "Flint toxic water tragedy points directly to Michigan Gov. Snyder" The Guardian (Dec. 17, 2015): "Flint's 'toxic soup' polluted water worse for children than thought, doctor says"	www.msnbc.com/rachel-maddow-show/watch/toxic-water-tragedy-points-directly-to-snyder-588635715518 www.theguardian.com/us-news/2015/dec/17/flint-polluted-water-toxic-lead-children-at-risk	3/13/16
December 17, 2015	Genesee County Board of Commissioners Chairman Jamie Curtis sends letter to Mayor Weaver saying he is authorized to forward Flint's request for disaster declaration to the Governor's Office	MLive (Dec. 18, 2015): "Genesee County chairman says he can send Flint disaster request to governor" (Fonger)	www.MLive.com/news/flint/index.ssf/2015/12/genesee_county_board_chair_say.html#incart_story_package	3/13/16
December 17, 2015	City of Flint's Emergency Operations Center (EOC) is activated to begin to coordinate relief efforts	Announced on City of Flint website	www.cityofflint.com/2015/12/17/emergency-operations-center-activated/	3/13/16
December 21, 2015	American Journal of Public Health publishes results of further study of blood lead levels by Dr. Hanna-Attisha et al. New research further details the rise in elevated blood levels that was documented in the initial study released Sep. 24	"Elevated Blood Lead Levels in Children Associated With the Flint Drinking Water Crisis: A Spatial Analysis of Risk and Public Health Response," available via AJPH website. Described in MLive (Dec. 21, 2015): "Newly published study gives more evidence of elevated lead in Flint kids" (Fonger)	ajph.aphapublications.org/doi/abs/10.2105/AJPH.2015.303003 www.MLive.com/news/flint/index.ssf/2015/12/health_journal_public_blishes_blood.html#incart_story_package	3/13/16
December 22, 2015	Genesee County Circuit Court Judge Hayman rules city can continue shutting off water to customers who haven't paid their water bill since September 2015 - not others. Also says City must apply 35% rate rollback to service charges as well as water commodity rates	MLive (Dec. 22, 2015): "Questions over emergency manager law arise in Flint water rates lawsuit" (Emery)	www.MLive.com/news/flint/index.ssf/2015/12/questions_arise_regarding_publ.html#incart_story_package	3/13/16
December 22, 2015	Continued national media coverage of Flint water crisis - e.g., Rachel Maddow show reports on Flint water crisis; CBS News reports on Dr. Hanna-Attisha's refined study of blood lead levels	CBS News (Dec. 22, 2015): "New study links tainted water, high lead levels in kids in Flint, Mich."	www.cbsnews.com/news/tainted-water-high-lead-levels-kids-flint-michigan/	3/13/16
December 23, 2015	Auditor General issues responses to questions from Sen. Ananich re: Flint water crisis. Notes no "major infractions" committed by MDEQ but also notes mistakes - corrosion control treatment should have been initiated with switch to Flint River as primary water supply, Tier 1 sample sites not verified, etc.	Included in Gov. Snyder's e-mails released Jan. 20, 2016 (pp. 250-264/274)	michigan.gov/snyder/0,4668,7-277--367761--,00.html	3/13/16
December 29, 2015	FWATF issues letter to Gov. Snyder and press release re: initial findings from its work; puts primary blame for Flint water crisis on MDEQ but indicates more to come in final report	Link to letter posted in Free Press article (see below)	www.scribd.com/doc/294248389/Flint-Water-Advisory-Task-Force-letter-to-Snyder	3/13/16
December 29, 2015	Gov. Snyder issues apology for Flint water crisis via press release	Press release posted on michigan.gov	www.michigan.gov/snyder/0,4668,7-277-57577_57657-372335--,00.html	3/13/16
December 29, 2015	MDEQ Director Wyant and Director of Communication Brad Wurfel submit their resignations	Detroit Free Press (Dec. 29, 2015): "Snyder apologizes, Wyant resigns in Flint water crisis" (Egan). MLive (Dec 29-30, 2015): "Director Dan Wyant resigns after task force blasts MDEQ over Flint water crisis" (Lawler); "MDEQ spokesman also resigns over Flint water crisis, says city 'didn't feel like we cared'" (Lawler)	www.freep.com/story/news/local/michigan/2015/12/29/deq-director-wyant-resigns-over-flint-water-crisis/78027052/ www.MLive.com/lansing-news/index.ssf/2015/12/deq_director_dan_wyant_resigns.html#incart_river_index www.MLive.com/lansing-news/index.ssf/2015/12/deq_spokesman_also_resigns_ove.html#incart_river_index	3/13/16

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December 29, 2015	Continued national media coverage of Flint water crisis	MSNBC Rachel Maddow (Dec. 29, 2015): "Michigan governor apologizes for Flint water" (Kildee interview). The Guardian (Dec. 30, 2015): "Governor Rick Snyder 'very sorry' about Flint water lead levels debacle" (Felton). Reuters/Huffington Post (Dec. 29, 2015): "Michigan Gov. Rick Snyder Apologizes For Flint's Water Crisis" (Klayman). AP/Wall Street Journal (Dec. 29, 2015): "Michigan's Top Environmental Regulator Resigns Over Flint Water Crisis"	www.msnbc.com/rachel-maddow-show/watch/michigan-governor-apologizes-for-flint-water-593269827585 www.theguardian.com/us-news/2015/dec/30/michigan-governor-rick-snyder-very-sorry-about-water-supply-debacle www.huffingtonpost.com/entry/rick-snyder-flint-water-lead-poisoning_56830314e4b014efe0d9814f www.wsj.com/articles/michigans-top-environmental-regulator-resigns-over-flint-water-crisis-1451432226	3/13/16
December 30, 2015	Mayor Weaver meets with Genesee County Board of Commissioners Chairman Curtis and others involved in emergency planning to discuss the City's Incident Action Plan	Press release posted to City of Flint website	www.cityofflint.com/2015/12/30/mayor-meets-with-county-chair-over-incident-action-plan/	3/19/16
December 30, 2015	Gov. Snyder reassigns Michigan DNR Director Keith Creagh as interim MDEQ Director, effective January 4, 2016	Press release posted on State of Michigan website	www.michigan.gov/snyder/0,4668,7-277-57577_57657-372399--,00.html	3/13/16
2016				
January 1, 2016	Newsweek puts Flint water crisis atop list of "nastiest cases of toxic discharge" in 2015	Newsweek (Jan. 1, 2016): "The Year in Pollution" (Schlanger)	www.newsweek.com/year-pollution-here-are-nastiest-cases-toxic-discharge-2015-410766	3/13/16
January 4, 2016	Genesee County Commission declares state of emergency	Gov. Snyder's Flint Water timeline (released January 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	1/31/16
January 5, 2016	Gov. Snyder declares state of emergency for Genesee County, activating the State Emergency Operations Center	Press release and proclamation on State of Michigan website	www.michigan.gov/deq/0,4561,7-135-3313_3675_73946-372653--,00.html www.michigan.gov/documents/snyder/2016-01-05_Flint_Water_Governors_Declaration_Final_509966_7.pdf?20160105162343	3/13/16
January 5, 2016	Gina Balaya, spokeswoman for the U.S. Attorney's Office in Detroit, said Tuesday her office is working with the U.S. Environmental Protection Agency on an investigation of the Flint water situation	Detroit Free Press (Jan. 15, 2016): "Snyder declares emergency as feds probe Flint water" (Egan)	www.freep.com/story/news/local/michigan/2016/01/05/us-attorneys-office-investigating-lead-flint-water/78303960/	3/13/16
January 6, 2016	State of Michigan launches Joint Information Center (JIC) to coordinate public information from the State Emergency Operations Center, set up to help with health and safety issues caused by lead in the city of Flint's drinking water	Press release - "State of Michigan Joint Information Center Now Operational"	www.michigan.gov/deq/0,4561,7-135-3313_3675_73946-372766--,00.html	3/13/16
January 6, 2016	Continued national media coverage: NBC News, MSNBC	NBC News (Jan. 6, 2015): "Drinking water crisis in Flint, Michigan prompts federal investigation" MSNBC Rachel Maddow (Jan. 6, 2015): "Flint toxic water draws federal scrutiny"; "State dismissed Flint bad water test concerns"; Guyette interview	www.nbcnews.com/nightly-news/video/drinking-water-crisis-in-flint--michigan--prompts-federal-investigation-597142595942 www.msnbc.com/rachel-maddow/watch/flint-toxic-water-draws-federal-scrutiny www.msnbc.com/rachel-maddow/watch/state-dismissed-flint-bad-water-test-concerns-597320259868	3/13/16
January 7, 2016	Michigan's chief medical executive, Dr. Eden Wells, says Flint residents should either use lead filters or drink bottled water until further notice	Detroit Free Press (Feb. 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/13/16
January 7, 2016	Genesee County Sheriff Robert Pickell deploys work detail and staff to deliver water and filters to homes	MLive (Jan. 7, 2016): "Genesee County Sheriff uses work detail to distribute filters in Flint" (Acosta)	www.MLive.com/news/flint/index.ssf/2016/01/work_detail_used_by_genesee_co.html	3/13/16
January 7, 2016	Continued national media coverage criticizing state's failure to provide bottled water and water filters	MSNBC Rachel Maddow (Jan. 7, 2016): "Water donations run dry in Flint, no action from Governor Snyder"	www.msnbc.com/rachel-maddow/watch/flint-water-donations-run-dry--no-state-plan-598134339963	3/13/16
January 7, 2016	Gov. Snyder and Mayor Weaver announce formation of an inter-agency group to work with State Emergency Operations Center on taking action to improve the situation	MLive (Jan. 7, 2016): "Flint Mayor, Gov. Rick Snyder to provide city with 'suite of services' following water crisis" (Lawler)	www.MLive.com/lansing-news/index.ssf/2016/01/flint_mayor_gov_rick_snyder_to.html	3/13/16
January 8, 2016	Gov. Snyder and Mayor Weaver meet to discuss collaboration	Gov. Snyder's Flint Water timeline (released Jan. 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	1/31/16
January 9, 2016	MSP Emergency Management Division announces water resource sites established in Flint with bottled water, filters and testing kits	Gov. Snyder's Flint Water timeline (released Jan. 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	1/31/16
January 11, 2016	Gov. Snyder signs Executive Order to create Flint Water Interagency Coordinating Committee to work on long-term solutions to the Flint water situation	Gov. Snyder's Flint Water timeline (released Jan. 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	1/31/16
January 12, 2016	Gov. Snyder requests FEMA's assistance in coordinating an inter-agency plan and activates Michigan National Guard to help with water resources distribution	Gov. Snyder's Flint Water timeline (released Jan. 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	1/31/16

Date	Event	Reference Document	Sources	Accessed
January 13, 2016	Gov. Snyder and MDHHS announce a spike in Legionellosis in Flint between June 2014 and Mar 2015, which may be linked to switch to Flint River. Spike included 87 cases, with 10 deaths, in 18 months. This is the first public notification, 10 months after MDEQ notified Hollins the outbreak coincided with switch to Flint River water	MLive (Jan. 13, 2016): "87 cases, 10 fatal, of Legionella bacteria found in Flint area; connection to water crisis unclear" (Al Hajal); also reported nationally on CNN, ABC, Washington Post	www.MLive.com/news/detroit/index.ssf/2016/01/legionnaires_dis_ease_spike_disc.html	3/13/16
January 14, 2016	Gov. Snyder requests Presidential declaration of major disaster and emergency and requests federal aid	Gov. Snyder's Flint Water timeline (released Jan. 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	1/31/16
January 15, 2016	Michigan Attorney General Bill Schuette announces he has opened an investigation of Flint water crisis	Detroit Free Press (Feb. 2016): "How Flint's Water Crisis Unfolded" (Dixon)	www.freep.com/pages/interactives/flint-water-crisis-timeline/	3/13/16
January 16, 2016	President Obama approves declaration of emergency and request for federal aid, and declines request for declaration of major disaster	Gov. Snyder's Flint Water timeline (released Jan. 2016)	mi.gov/documents/snyder/FlintWaterTimeline_FINAL_511424_7.pdf	1/31/16
January 16, 2016	MLive reports that Genesee County Health Dept. officials expressed concern re: increase in Legionellosis in Oct. 2014 in meeting with Flint Water	MLive (Jan. 16, 2016): "Public never told, but investigators suspected Flint River tie to Legionnaires' in 2014" (Fonger)	www.MLive.com/news/flint/index.ssf/2016/01/documents_show_agencies_knew_o.html	3/13/16
January 19, 2016	Gov. Snyder delivers State of the State address; apologizes for Flint water crisis, announces release of his own e-mails regarding Flint water, and commits another \$28 million in short-term for more filters, bottled water, school nurses, intervention specialists, testing and monitoring	New York Times (Jan. 20, 2016): "Gov. Rick Snyder of Michigan Apologizes in Flint Water Crisis" (Bosman, Smith)	www.nytimes.com/2016/01/20/us/obama-set-to-meet-with-mayor-of-flint-about-water-crisis.html?_r=0	3/13/16
January 19, 2016	Flint Mayor Weaver meets with President Obama in Washington, DC	Detroit Free Press (Jan. 19, 2016): "Obama meets Flint mayor, responds to lead crisis" (Spangler)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/01/19/flint-mayor-meet-white-house-officials/79001256/	3/13/16
January 19, 2016	Class action lawsuit is filed against City of Flint and various city and state employees on behalf of Melissa Mays and other Flint residents	Case filed in Genesee County Circuit Court		
January 20, 2016	Gov. Snyder voluntarily posts his e-mails regarding Flint water to his website (Governor's office is exempt from Michigan FOIA)	Posted to Gov. Snyder's webpage at www.michigan.gov/snyder	somcsprod2govm001.usgovcloudapp.net/files/snyder%20emails.pdf	3/12/16
January 20, 2016	Gov. Snyder asks President Obama to reconsider denial of federal disaster declaration	US News & World Report (Jan. 20, 2016): "Michigan Gov. Rick Snyder is asking President Barack Obama to reconsider his denial of a federal disaster declaration to address the drinking water crisis in Flint, saying its severity poses an 'imminent and long-term threat' to residents" (Eggert/AP)	www.usnews.com/news/us/articles/2016-01-20/michigan-governor-on-flint-water-i-let-you-down	3/13/16
January 20, 2016	State budget office asks legislature for \$28 million to aid in Flint water crisis; House approves; heads next week to Senate	MLive (Jan. 20, 2016): "Michigan House approves \$28M in immediate assistance for Flint" (Lawler)	www.MLive.com/news/index.ssf/2016/01/michigan_house_approves_28m_in.html	3/13/16
January 20, 2016	EPA's Flint Safe Drinking Water Task Force provides recommendation that all samples for lead analysis be collected using wide-mouth sample bottles	Documented posted to EPA website	https://www.epa.gov/mi/flint-safe-drinking-water-task-force-recommendations-regarding-wide-mouth-sampling-bottles	3/18/15
January 20, 2016	CBS Evening News interviews Gov. Snyder	CBS News (Jan. 20, 2016): "Michigan gov.: We don't want people to assume Flint water is safe"	www.cbsnews.com/news/michigan-gov-at-least-100-kids-affected-by-lead-in-flint-water/	3/13/16
January 21, 2016	President Obama announces \$80 million in financial aid for water infrastructure projects in Michigan, including Flint. Money is being provided for state's revolving loan fund, not as an appropriation	Detroit News (Jan. 21, 2016): "Obama gives \$80 million to Michigan for Flint" (Burke) MLive (Jan. 23, 2016): "\$80 million announced in connection with Flint water is revolving loan fund"	www.detroitnews.com/story/news/politics/2016/01/21/stabenow-obama-gives-million-flint/79134306/ www.MLive.com/news/kalamazoo/index.ssf/2016/01/80_million_announced_in_connec.html	3/13/16
January 21, 2016	EPA Region 5 Director Susan Hedman resigns, effective Feb. 1, 2016	NBC News (Jan. 21, 2016): "EPA Administrator quits over Flint water crisis" (Seville/Helsel)	www.nbcnews.com/storyline/flint-water-crisis/epa-administrator-quits-amid-flint-water-crisis-n501561	3/13/16
January 21, 2016	EPA issues SDWA Emergency Order saying authorities in Michigan failed to properly respond to Flint water crisis and prescribing various actions for the City and MDEQ. PA will begin testing the city's water; order a range of data collection, plans and reports from the City and MDEQ; and form an Independent Advisory Panel of drinking water / treatment experts and community members to recommend next steps. EPA Administrator Gina McCarthy also asks EPA inspector general to conduct independent review of Region 5's oversight of public water systems	Order posted to EPA website	www.epa.gov/sites/production/files/2016-01/documents/1_21_sdwa_1431_emergency_admin_order_012116.pdf	3/13/16
January 22, 2016	MDEQ Director Creagh responds to EPA by saying they will comply, but questioning McCarthy/EPA's legal authority to direct MDEQ in Flint response, and stating MDEQ has complied with all EPA's recent demands	Detroit News (Jan. 22, 2016): "Michigan questions legality of EPA directive on Flint" (Oosting) (includes letter response)	www.detroitnews.com/story/news/politics/2016/01/22/michigan-questions-legality-epa-directive-flint/79202618/	3/13/16
January 22, 2016	MDHHS releases data showing 70% of people who contracted Legionellosis in the Flint outbreak were exposed to Flint water 2 weeks before their symptoms began	Detroit Free Press (Jan. 22, 2016): "Legionnaires' expert blames spike in cases on Flint water" (Tanner, Anderson)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/01/22/legionnaires-expert-blames-spike-cases-flint-water/79203614/	3/13/16

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January 22, 2016	FWATF sends letter to Gov. Snyder calling for him to engage experts versed in LCR requirements, including Del Toral/EPA, and a work group including Edwards/VT; various other recommendations re: lead sampling and control		www.gongwer.com/public/fwatf-letter.pdf	1/31/16
January 22, 2016	Two MDEQ staffers are suspended without pay pending an investigation. The employees are not named in the press release but soon are identified as Stephen Busch and Liane Shekter Smith	Press release posted to Gov. Snyder's webpage	www.michigan.gov/snyder/0,4668,7-277-57577-374565--,00.html	3/13/16
January 22, 2016	Gov. Snyder returns additional executive powers to Flint's mayor. "Mayor Weaver will now have the authority to appoint the city administrator and all department heads. Today's action is the next step in transitioning to full, local control in Flint"	Press release posted to Gov. Snyder's webpage	www.michigan.gov/snyder/0,4668,7-277-57577_57657-374556--,00.html	3/13/16
January 22, 2016	Detroit Free Press reports that hacker group Anonymous has launched a Flint operation and is calling for Gov. Snyder to be charged with manslaughter	Detroit Free Press (Jan. 22, 2016): "State on high cyber alert after Anonymous threat" (Egan)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/01/22/activist-hacker-group-anonymous-starts-flint-campaign/79157780/	3/13/16
January 25, 2016	Michigan AG Schuette names Todd Flood (defense attorney and former Wayne County assistant prosecutor) and former Detroit FBI bureau chief Andy Arena to lead investigation into potential misconduct in office concerning Flint water crisis. State Rep. LaTanya Garrett (D-Detroit) files petition with U.S. AG Loretta Lynch to remove Schuette's office from Flint water investigation citing conflicts of interest	The State (Jan. 26, 2016): "Ex-prosecutor to spearhead investigation into Flint water crisis" (Eggert, Householder)	www.thestate.com/news/nation-world/national/article56583968.html	3/13/16
January 27, 2016	ACLU Michigan, NRDC and Concerned Pastors for Social Action file federal lawsuit against city and state officials seeking to force owners and operators of Flint's water system to comply with SDWA	Filed in U.S. District Court, Eastern District of Michigan		
January 31, 2016	Pastor Edwin Anderson, Aline Anderson and Beatrice Boler file federal lawsuit against city and state officials seeking compensatory and punitive damages over Flint water crisis	Filed in U.S. District Court, Eastern District of Michigan		
February 1, 2016	Michigan Attorney General Schuette says his office "likely" can't defend the seven MDEQ workers being sued over Flint water crisis; asked federal judge to decide	Detroit Free Press (Feb. 1, 2016): "State might not defend MDEQ workers in Flint water suit" (Baldas)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/01/31/deq-workers-need-find-own-lawyer-flint-lawsuit/79608504/	3/13/16
February 2, 2016	FBI joins federal investigation of Flint water crisis, which also involves U.S. Attorney's office, US Postal Inspection Service and EPA Criminal Investigation Division	NBC News (Feb. 2, 2016): "FBI Investigating Flint's Poisoned Water Crisis" (Connor)	www.nbcnews.com/storyline/flint-water-crisis/fbi-investigating-flint-s-poisoned-water-crisis-n509686	3/13/16
February 2, 2016	\$100 million lawsuit is filed against McLaren Flint Hospital and State of Michigan over Flint Legionellosis cases, on behalf of four who contracted the disease	Detroit Free Press (Feb. 2, 2016): "Fieger files \$100-million suit over Flint Legionnaires' disease cases" (Wisely, Dixon)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/02/fieger-flint-lawsuit-mclaren-water-crisis/79704852/	3/13/16
February 3, 2016	House Committee on Oversight and Government Reform holds hearing where Beauvais/EPA, Creagh/MDEQ, Edwards/VT and Flint resident Walters testify re: Flint water crisis; former Flint EM Earley declines to appear. Edwards: "I am personally shamed that the profession I belong to, the drinking water industry in this country, has allowed this to occur."	Detroit News (Feb. 5, 2016): "Lawmakers spar on state's blame for Flint water" (Burke, Lynch) NBC News (Feb. 3, 2016): "House Panel Accuses Officials of Covering Up Flint Water Crisis" (Schuppe)	www.detroitnews.com/story/news/michigan/flint-water-crisis/2016/02/03/flint-water-congressional-hearing/79728072/ www.nbcnews.com/storyline/flint-water-crisis/house-panel-chair-vows-hunt-down-official-behind-flint-water-n510411	3/13/16
February 3, 2016	Snyder proposes \$30 million in state funds to offset a portion of Flint residents' water bills. Approved by Michigan Senate Feb. 4, by House Feb. 17	Detroit News (Feb. 3, 2016): "Snyder pitches \$30 million for Flint water bill refunds" (Livengood, Carah, Oosting)	www.detroitnews.com/story/news/michigan/flint-water-crisis/2016/02/03/snyder-water-bills/79753564/	3/13/16
February 5, 2016	Gov. Snyder announces that Shekter Smith/MDEQ, head of ODWMA, is fired	Press release posted to Gov. Snyder's webpage	www.michigan.gov/snyder/0,4668,7-277-57577_57657-376028--,00.html	3/13/16
February 5, 2016	U.S. Small Business Administration approves Gov. Snyder's request to aid businesses in Flint and Genesee County affected by Flint water crisis. SBA will provide access to federal Economic Injury Disaster Loans for small businesses	MLive (Feb. 5, 2016): "Businesses affected by Flint water crisis can seek disaster loans from SBA" (Emery)	www.MLive.com/news/flint/index.ssf/2016/02/businesses_affected_by_flint_w.html	3/13/16
February 5, 2016	EPA's Flint Safe Drinking Water Task Force provides recommendations on MDEQ's Draft Sentinel Site Selection	Documented posted to EPA website	www.epa.gov/flint/flint-safe-drinking-water-task-force-recommendations-mdeqs-draft-sentinel-site-selection	3/18/16
February 7, 2016	Democratic presidential candidate Hillary Clinton visits Flint	Detroit Free Press (Feb. 7, 2016): "Hillary Clinton: What happened in Flint is immoral" (Gray, Stafford)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/07/hillary-clinton-flint-campaign-stop/79902530/	3/13/16
February 8, 2016	Luke Waid and Michelle Rodriguez file federal lawsuit over 2-year-old daughter's lead poisoning	Filed in U.S. District Court, Eastern District of Michigan		
February 9, 2016	Flint issues boil water advisory due to broken water main	Detroit Free Press (Feb. 9, 2016): "Flint issues boil advisory after water main break" (Bethencourt)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/09/flint-residents-asked-boil-their-filtered-water/80086916/	3/18/16
February 10, 2016	Gov. Snyder proposes state budget for FY 2017 that includes \$195 million to address Flint water crisis	MLive (Feb. 10, 2016): "Gov. Rick Snyder proposes \$195M for Flint water as protesters call for his removal" (Lawler)	www.MLive.com/news/index.ssf/2016/02/gov_rick_snyder_proposes_195m.html	3/18/16

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February 10, 2016	Mayor Weaver, Dr. Hanna-Attisha, Yanna Lambrinidou and others address House Democratic Steering and Policy Committee in D.C. Gov. Snyder was invited but declined due to concurrent state budget proposal	MLive (Feb. 10, 2016): "Flint mayor, superintendent ask for short and long-term water crisis help" (Acosta)	www.MLive.com/news/flint/index.ssf/2016/02/flint_mayor_superintendent_ask.html	3/18/16
February 10, 2016	U.S. House of Representatives passes H.R. 4470, which specifies notification requirements for lead action level exceedances in public water systems	Act posted to congress.gov website	www.congress.gov/bill/114th-congress/house-bill/4470/text	3/18/16
February 10, 2016	U.S. Small Business Administration opens Flint Business Recovery Center to aid entrepreneurs and business owners affected by Flint water crisis	MLive (Feb. 10, 2016): "Help center opens for small businesses impacted by Flint's water crisis" (Adams)	www.MLive.com/news/flint/index.ssf/2016/02/help_center_opens_for_small_bu.html	3/19/16
February 11, 2016	U.S. District Judge John Corbett O'Meara grants request by state attorneys to withdraw from representing 7 MDEQ employees who are being sued over Flint water crisis, due to conflict of interest. State lawyers noted the MDEQ employees will still get lawyers paid for by the state	Detroit Free Press (Feb. 11, 2016): "AG's office freed from MDEQ workers in Flint water case" (Baldas)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/11/ags-office-freed-deq-workers-flint-water-case/80257552/	3/19/16
February 11, 2016	Obama administration officials tell Democratic members of Congress they anticipate providing a Medicaid expansion that will cover lead blood-level monitoring, behavioral health services and nutritional support for children and pregnant women in Flint as a result of water crisis	Detroit Free Press (Feb. 12, 2016): "Obama administration to offer more benefits in Flint" (Spangler)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/12/obama-administration-offer-more-benefits-flint/80298130/	3/19/16
February 12, 2016	Gov. Snyder calls U.S. House Oversight and Government Reform Committee chair Chaffetz to offer his testimony on Flint water crisis	Detroit Free Press (Feb. 27, 2016): "Snyder to testify before Congress on Flint crisis" (Spangler, Dolan)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/12/snyder-wants-testify-congress-flint/80290232/	3/19/16
February 12, 2016	MDEQ announces plan to regularly test water from 400 Flint addresses for lead over next 8 weeks; public should be able to track the results through a map of the sites on www.michigan.gov/flintwater	Detroit Free Press (Feb. 12, 2016): "Flint water tests to track change in lead levels" (Allen)	www.freep.com/story/news/local/michigan/2016/02/12/flint-water-tests-track-lead-levels/80282428/	3/19/16
February 12, 2016	State of Michigan activates website containing numerous e-mails related to Flint water crisis	Department of Environmental Quality: Part 1 (381MB PDF) Part 2 (206MB PDF) Part 3 (185MB PDF) Part 4 (227MB PDF) Department of Technology, Management and Budget (2.38MB PDF) Department of Health and Human Services (6.51MB PDF) Department of Agriculture and Rural Development (33KB PDF) Department of Treasury (12.5MB PDF)	Links published in Detroit Free Press (Feb. 12, 2016): "State releases trove of e-mails related to Flint water" (Egan): www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/12/flint-water-crisis-emails/80278914/	3/19/16
February 12, 2016	Lawsuit is filed against LAN, alleging professional negligence in preparing Flint WTP for full-time operation	NBC25 News (Feb. 12, 2016): "Engineering firm hired to fix Flint water plant now facing multi-million dollar lawsuit" (Moore)	nbc25news.com/news/local/engineering-firm-hired-to-fix-flint-water-plant-now-facing-multi-million-dollar-lawsuit	3/19/16
February 14, 2016	Gov. Snyder asks for expanded Medicaid support for about 15,000 Flint residents in the wake of Flint water crisis	Detroit Free Press (Feb. 14, 2016): "Snyder asks for more Medicaid support for Flint" (Bethencourt)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/14/snyder-asks-more-medicaid-support-flint/80382696/	3/19/16
February 15, 2016	U.S. Surgeon General Vivek Murthy visits Flint and meets with 150 local doctors, social workers and students; says "trusted voices" need to impart critical nutrition and education to Flint residents	Detroit Free Press (Feb. 15, 2016): "U.S. surgeon general to Flint's trusted voices: Speak up" (Allen)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/15/us-surgeon-general-flint-crisis-dr-vivek-murthy/80431666/	3/19/16
February 15, 2016	NAACP announces it will invite "disruptive civil disobedience" in Flint if Gov. Snyder does not produce a plan within 30 days for replacing the city's water pipes	Detroit Free Press (Feb. 15, 2016): "NAACP threatens civil disobedience over Flint pipes" (Allen)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/15/naacp-president-flint-outrage/80416032/	3/19/16
February 16, 2016	Food & Water Watch releases report showing Flint residents were being charged more for water than any other customers in the nation's 500 largest community water systems	Report posted to Food & Water Watch website MLive (Feb. 16, 2016): "Flint water rates highest in country, study claims" (Ridley)	www.foodandwaterwatch.org/news/lessons-flint-and-price-water-privatization www.MLive.com/news/flint/index.ssf/2016/02/flints_water_rates_highest_in.html	3/19/16
February 16, 2016	Detroit Free Press publishes Google map of Flint homes that have tested with dangerously high lead levels. "666 addresses with levels of more than 15 parts per billion of lead found the water. That's out of 9,940 tests taken from September through Feb. 13"	Detroit Free Press (Feb. 16, 2016): "Flint map: See 666 homes where lead levels too high" (Allen)	www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/16/flint-lead-water-map/80445272/	3/19/16
February 16, 2016	Congressional Research Service issues report stating EPA did not respond to Flint's water crisis as soon as it could have	2-page report posted online MLive (Feb. 18, 2016): "EPA didn't respond to Flint's water crisis as soon as it could have, report says" (Emery)	www.fas.org/sgp/crs/misc/IN10446.pdf www.MLive.com/news/flint/index.ssf/2016/02/epa_didnt_respond_to_flints_wa.html	3/19/16
February 16, 2016	Governor's Office announces it has contracted with Rowe Professional Services to update a recent analysis of Flint's water pipes, beginning the work required to replace lead service lines.	MLive (Feb. 16, 2016): "Effort to replace lead water pipes underway in Flint" (Williams)	www.detroitnews.com/story/news/michigan/flint-water-crisis/2016/02/16/lead-water-pipe-replacement-flint/80478866/	3/19/16
February 17, 2016	Federal class action lawsuit is filed on behalf of Angela McIntosh and other Flint water crisis victims. While other lawsuits have been filed, no case has yet been granted class action status by any state or federal court	PR Newswire (Feb. 17, 2016): "Class action law firm and personal injury Super Lawyer filed lawsuit on behalf of thousands of Flint victims"	www.prnewswire.com/news-releases/class-action-law-firm-and-personal-injury-super-lawyer-filed-lawsuit-on-behalf-of-thousands-of-flint-victims-300221443.html	3/19/16

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February 18, 2016	Mayor Weaver counters state lead replacement plan with Flint Fast Start Plan, working with Lansing employees; Gov. Snyder announces grant of \$2M to help with pipeline replacement	RT.com (Feb. 18, 2016): "Flint water crisis: Mayor, governor spar over timeline to replace lead pipes" Detroit Free Press (Feb. 17, 2016): "State signs agreement for Flint pipe testing" (Dolan) MLive (Feb. 18, 2016): "Flint gets \$2 million from state to start lead service water replacements" (Fonger)	www.rt.com/usa/332817-flint-water-pipe-replacement-pfcs/ www.freep.com/story/news/local/michigan/flint-water-crisis/2016/02/17/state-agreement-flint-pipe-testing/80470524/ www.MLive.com/news/flint/index.ssf/2016/02/governor_says_2-million_grant.html	3/19/16
February 18, 2016	U.S. DHHS Secretary Sylvia Burwell visits Flint; announces her agency will provide an additional \$500,000 to help mitigate potential lead damage in Flint children	MLive (Feb. 18, 2016): "Additional \$500,000 in federal money to fight lead damage in Flint children" (Johnson)	www.MLive.com/news/flint/index.ssf/2016/02/us_department_of_health_announ.html	3/19/16
February 19, 2016	Rev. Jesse Jackson's Rainbow PUSH Coalition and Concerned Pastors for Social Action organize a march from Metropolitan Baptist Tabernacle to Flint WTP	MLive (Feb. 19, 2016): "Flint water crisis march with Jesse Jackson draws thousands" (Acosta)	www.MLive.com/news/flint/index.ssf/2016/02/flint_water_crisis_march_with.html	3/19/16
February 20, 2016	Mark Pollins/EPA sends letter to MDEQ and Flint officials saying they are not doing enough to comply with SDWA emergency order on lead contamination	Letter posted to EPA website	www.epa.gov/sites/production/files/2016-02/documents/epa_letter_to_mdeq_and_city_of_flint_w_attachments_2.19.16.pdf	3/19/16
February 22, 2016	Board of State Canvassers approves petition to recall Gov. Snyder over Flint water crisis, submitted by David Bullock	MLive (Feb. 22, 2016): "Petition to recall Gov. Rick Snyder over Flint water crisis clears Michigan panel" (Lawler)	www.MLive.com/news/index.ssf/2016/02/petition_to_recall_gov_rick_sn.html#incart_river_index_topics	3/19/16
February 22, 2016	Dr. Marty Kaufman/University of Michigan-Flint says in press conference that it is still unknown what types of pipes are running to 13,000 properties in Flint. Thus far, 4,376 locations with lead pipes have been identified; records do not exist for more than 10,000 properties	MLive (Feb. 22, 2016): "Work still needed to identify service lines to 13,000 Flint properties" (Acosta)	www.MLive.com/news/flint/index.ssf/2016/02/work_still_needed_to_identify.html#incart_river_index_topics	3/19/16
February 22, 2016	MLive reports some test sites still exceed federal limit for lead in water	MLive (Feb. 22, 2016): "Latest Flint water tests show 1 in 10 sites still exceed federal lead limit" (Fonger)	www.MLive.com/news/flint/index.ssf/2016/02/latest_flint_water_testing_sho.html#incart_river_index_topics	3/19/16
February 22, 2016	Gov. Snyder announces his office will release e-mails his staff sent or received dating back to 2011 re: Flint water supply switch and subsequent contamination	Detroit News (Feb. 22, 2016): "Snyder: Office will release staff emails on Flint water" (Livengood)	www.detroitnews.com/story/news/michigan/flint-water-crisis/2016/02/22/snyder-office-release-staff-emails-flint-water/80771952/	3/19/16
February 22, 2016	Congressional delegation led by U.S. Rep. Dan Kildee, D-Flint Township, visits Flint	MLive (Feb. 22, 2016): "Six takeaways on Flint water crisis from Congressional delegation" (Acosta)	www.mlive.com/news/flint/index.ssf/2016/02/six_takeaways_on_flint_water_c.html#incart_river_index_topics	3/19/16
February 23, 2016	Michigan CMO Wells announces MDHHS has requested Assessment of Chemical Exposure from U.S. DHHS to assess skin rashes reported during Flint water crisis	CBS Detroit (Feb. 23, 2016): "Federal Officials To Probe Rashes Amid Flint Water Crisis" (AP)	detroit.cbslocal.com/2016/02/23/federal-officials-to-probe-rashes-amid-flint-water-crisis/	3/19/16
February 23, 2016	State lawmakers announce they have created a joint committee to begin formally reviewing Flint's ongoing water crisis	MLive (Feb. 23, 2016): "Flint water crisis to get fresh probe by state lawmakers" (Ridley)	www.MLive.com/news/flint/index.ssf/2016/02/state_lawmakers_form_committee.html#incart_story_package	3/19/16
February 24, 2016	Ruth Mott Foundation dedicates \$1 million to go toward short- and long-term needs of Flint residents exposed to lead	MLive (Feb. 24, 2016): "Ruth Mott Foundation gives \$1M to aid in Flint water crisis" (Adams)	www.mlive.com/news/flint/index.ssf/2016/02/ruth_mott_foundation_gives_1m.html#incart_river_index_topics	
February 26, 2016	Gov. Snyder signs \$30 million bill to provide water bill relief for Flint residents	MLive (Feb. 26, 2016): "Gov. Snyder signs \$30 million water relief bill for Flint" (Johnson)	www.mlive.com/news/flint/index.ssf/2016/02/snyder_signs_30_million_water.html	3/19/16
February 28, 2016	#JUSTICEFORFLINT benefit show is held at The Whiting in Flint, raising more than \$150,000 to benefit Flint residents	MLive (Mar. 1, 2016): "Justice for Flint benefit show raises \$156,000 for water crisis relief" (Acosta)	www.mlive.com/news/flint/index.ssf/2016/03/justice_for_flint_benefit_show.html	